1845 to 1854.

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ROYAL METEOROLOGICAL SOCIETY
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to 1854. also inclusive.

METEOROLOGY.

or

a correct daily Register

of the Weather, state of the Clouds, and all the changes of the atmosphere, and the effects thereof on the Animal and vegetable Creation, with the state of the Barometer, and Thermometer.

BY

ORLANDO WHISTLECRAFT

THWAITE, SUFFOLK.

in every point of view; and the general connection of the subject with all the business of life has been too long before shewn, to need any further detail here: It is, as has been said in all our essays upon it, a subject most calculated to elevate the reflecting soul, and lift it from a grovelling life to hold a closer communion with the Great Eternal One who holds the Spheres and bids the seasons roll. To Him then let us again ascribe the Praise, adoration, and honor, and may we in all we do, in all we write, in all we say, and moreover in all we think - "acknowledge Him, and He shall direct our paths"! —

Orlando Whistlecraft scripsit.

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December 20th 1844.

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Augt 6th to 8th
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January 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest state	8 a.m.	highest	State of Weather, Clouds, &c. —
Wednesday, Jan.y 1st.	30.26	NW. 0	34			Clear above, and fog below, calm morning, and a little frosty: — became cloudy, and very foggy at times, chiefly cloudy, and more wind after 3 pm. — Evening the same and the Therm. at 8 pm 37°. —
	·26	N. 1		34		
	·28	NE. 2			43	
Thursday, Jan.y 2nd	·17	NW. 1	33			Chiefly cloudy with frequent snow during the morning, and some six-pointed snow with a little hail; dark clouds and sun at times, finer afternoon. Evening cloudy and a little snow. Therm. at 8 pm 33°. Night cloudy with little frost.
	·07	NW. 2		33		
	·08	NW. 2			37	
Friday, Jan.y 3rd	·06	SW. 2	32			Cloudy till after sun-rise, the Orb very red. little frost; very fine and bright day, some lofty clouds at sun-set: but a clear star-light evening and hard frost, Therm. at 8 pm 31°. — afterwards clouds & milder.
	·03	SW. 1		32		
	·08	Var. 0			35	
Saturday Jan.y 4.	·20	S. 1	31			Hazy followed by fog at 9 am. Very foggy all day and the wind veering much between S and W several times. Some stars above but foggy below during the evening. Therm. 35° at 8 pm.
	·27	W. 1		37		
	·28	SW. ½			39	
Sunday, Jan.y 5.	·15	SW. 4	34			Cloudy, windy, and rainy morning, much milder, and rather squally; finer after 10 am but cloudy, wind rather less: fine afternoon cloudy and mild, and the evening the same. Therm. continued at 47° to 8 pm. Sky red at sun-set.
	·13	SW. 3		42		
	·15	SW. 3			47	
Monday, Jan.y 6.	·19	SW. 2	42			Very fine and mild, chiefly sun with many mottled cirrostrati and curdled cirrocumuli, rather electric looking: — more hazy after 2 pm, and the evening chiefly cloudy: 8 pm Therm. 45°. —
	·23	SW. 2		43		
	·27	SW. 1			49	
Tuesday, Jan.y 7.	·33	SW. 0	43			Very foggy, mild and calm morning; continued very foggy all day, scarcely any wind, and very mild. — Evening the same, or chiefly so, but a little more wind perceptible. Therm. 43° at 8 pm.
	·33	SW. 1		44		
	·37	SW. 1			47	
Wednesday, Jan.y 8.	·34	S 2.	34			Very thick fog and cold wind although from South. Continual fog and very cold. More wind in the evening, and misling, fog as before, and Therm. 33½ — 8 pm.
	·31	S 2.		34		
New moon at 7 am.	·29	SSE. 2			37	
Thursday Jan.y 9.	·22	SE. 2	33			Exceedingly thick fog all the morning, raw and cold, but fine. — Less fog during the afternoon and evening, but cloudy and cold wind, more drying than in the morning. Thermom. at 8 pm 34°. — Much sickness throughout the neighbourhood and several deaths from Scarletina among children. Many inflammatory disorders of the chest, Catarrh, Cynance, &c. —
	·16	ESE. 2		35		
	·17	SE. 2			37	

January 1845.

1845.	Barometer	Wind.	Thermometer out-doors lowest	8 am	highest	State of Weather, clouds &c.
Friday, Jany. 10.	30·12 ·00 29·95	SSE 4 SSE 4 S 5.	30	33	44	Very foggy morng with cold wind, had been freezing during night, became clearer more wind and very cold; quite clear in the middle of the day, & milder. Evening windy and chiefly clear. 8 pm Thr 39°.
Saturday, Jany. 11.	·80 ·84 ·86	S 5. S 6. S by W 5.	38	45	47	Very windy and rain at times, stormy atmosphere: chiefly overcast with a squall or two from South, and towards evening more rainy. 8 pm Thr 45°. and fast rain drifting. — Snow-drop, aconite, polyanthus & anemone in flower, plucked one of each.
Sunday, Jany. 12.	·93 ·93 ·94	S E 1. S E 1. E 0.	43	43	45	Heavy rain during past night, now fine but overcast and close. Foggy from 9 till 1 pm. then rainy dark and unpleasant afternoon; and the evening more or less rainy and calm. Thr 43 at 8 pm. The marshes inundated all day. —
Monday, Jany. 13.	·85 ·74 ·76	S E 2. S E 4. S E 4.	40	41	44	Morning chiefly clear with plumose cirri, and wind rising. — Stormy with wind & clouded with rain at times; finer after 3 pm, sun & large scuds. — Windy evening with flying clouds. 8pm Thr 41°. —
Tuesday. Jany. 14.	·78 ·80 ·91	E 2. E 2. E 2	39	41	43	Overcast and frequent drizzling, dark and unpleasant day, more or less rain in misling showers, and the wind between the ENE and ESE. — Evening the same as the day, Thr 41° at 8 pm. —
Wednesday. Jany. 15.	·84 ·85 ·92	S E 1. S E 1. S E 1.	37	39	42	Much low cloud flying & sun at times, fine and very little wind, hazy, and in the S & SW very black about the horizon & the same yesterday. Evening cloudy haze, & lunar halo. — Thr 39° at 8 pm. —
Thursday, Jany. 16.	30·12 ·16 ·21	S E 1. S E 2. S E 3.	36	39	43	Cloudy & little misling during the morng; continued cloudy but fine and more drying; gentle breeze increasing to brisk wind in the evening, and still cloudy. Thermr at 8 pm 40°. —
Friday. Jany. 17.	·24 ·18 ·13	SSE 3. SSE 4. SSE 4.	34	36	38	Cloudy but fine, continual cloudiness and blue haze, with a very raw and cold wind. More wind, cold & threatening, very dark and unpleasant. Thermr at 8 pm 35° and so continued all night.
Saturday, Jany. 18. □♀♃	29·97 ·88 ·77 ·65	SSE 4. SSE 5. SSE 5. S 6. SSW 6 4. 3. 2.	35	38	43	Cloudy, with a cold drying wind, more cloudy and windy, very little wet at times, but chiefly fine till after 8 pm, then drifting rain. Thermr then at 42°, but afterwards 43°. the highest for this day. — Very squally till 10 pm with drifting rain, afterwards fine & less wind. Wind more westward, clearer and a little hoar-frost before dawn.

January 1845.

1845.	Barometer	Wind.	Thermometer out of doors. lowest	8 am	highest	State of Weather, clouds, &c.
Sunday, Jany. 19.	29·70 ·60 ·48 ·29 ·17	S W 1. S W 4. S 4. SSE 5. S E 6.	35	35	43	Fine morng, chiefly clear with lines of cirrus lying in a longitudinal Arc across to NW. Bright till after 12, then more wind, and low clouds flying: sun at times. Evening very squally, gusts of wind at SSE, and drifting rain at times: Thr 40° at 8 pm. — High wind & rain all night.
Monday, Jany. 20. ✱☉♃, ✱☉♂. △♂♃	·13 ·51 ·81	E 6. N E 6. N 6. NNW 4.	34	34	42	High wind all the morning from E, & NE, with rain and snow more or less, very stormy and wet till noon, fine afternoon, some sun, flying cumuli and less wind. Evening stormy and drifty at times, 8 pm Thermr 37°. — Floods in the vales. —
Tuesday, Jany. 21.	30·18 ·27 ·33	N 1. N 1. N 0.	32	33	42	Very fine, clear and frost, some cirri in various forms, bright all day, with very white-headed cumuli of dense form. Evening calm & frosty moon rather dim among cirri clouds in streaks and feathery forms. Thermr 32° at 8 pm.
Wednesday, Jany. 22.	·33 ·28 ·28	S E 1. S 2. S W 1.	30	31	42	Hard frost and very white, chiefly clear till 9 am, then hazy & soon became overcast, thick misling all the afternoon, and foggy evening; very little wind, and at 8 pm Thr 41°. —
Thursday, Jany. 23. ✱☉♅	·16 ·03 29·93	S W 2. S W 3. S 4.	39	44	46	Mild and close, very cloudy and some fog at times, more wind during afternoon and evening, with rain more or less after ☉ set. Full moon 2 pm. Night clear after 10 pm. —
Friday, Jany. 24.	·71 ·76 ·90	S 1. S 2. S W 3 N W 3.	36	39	45	Fine morning chiefly clear and a very sunny forenoon, afterwards much low cloud, and wind veering about West to the NW at 3 pm. — Flying clouds during evening, but fine. —
Saturday, Jany. 25.	30·13 ·00 29·90	S W 0. S W 2. S W 5.	32	32	49	Chiefly clear in the morng and gentle white frost, very fine & sunny with cirrostrati in mottled arcs until a thick blue haze came over at 1 & 2 pm, with a strong electric smell, afterwards cloudy, more wind and during eveng a little rain. — Stormy night and warmer than the day. — Thermr highest after 9 pm. —
Sunday, Jany. 26.	·47 ·57 ·72	WSW 7. W 7. N W 7. N W 4.	43	43	44½	Strong gales of wind with rain at times before day light, clear during the morng till after 9, a driving shower with violent gale at 10, afterwards fine & sunny — with flying clouds & strong drying wind. — Some distant storms, but chiefly fine here. — Evening clear, and less wind, little frosty. Thermr 34° at 8 pm. Snow-drop and aconite in flower for some days past, and the anemones & garden primrose also. — Daffodil just out of the ground. —

January 1845.

Days.	Barometer	Wind.	Out-door Thermometer lowest	8 a.m.	highest	State of Weather. Clouds, &c.
Monday, Jan.ʸ 27.	29·42 ·16 ·18 ·15	S 1. SW 0. W 3. NW 4.	32	34	38	Little frost during the morning, became cloudy with snow, continual very heavy snow from 8 till 11 am, then rain till 12, fine & clearer afternoon, flying sleet shower at 4½ pm. Clear evening and frost. very keen wind & very brisk, but abated during night.
Tuesday, Jan.ʸ 28.	·12 ·07 ·10	SW 1. SW 2. Var. 0.	29	29	37	Hard frost and chiefly bright till after 10 a.m. more cloudy with snow till noon, afterwards finer but very much clouded. Evening very hazy and calm. The snow has been 3 inches in depth but is partially dissolved.—
Wednesday Jan.ʸ 29.	·32 ·38 ·40	NW 1. NW 1. NW 0.	28	29	36	Snow early in the morn.ᵍ, and hard frost. bright at times after 8 am, and some fog at other times, but chiefly sun with fleecy clouds.— Evening—frosty, 8 pm Therm.ʳ 30°. Sharp frost during night.
Thursday, Jan.ʸ 30.	·33 ·30 ·27	N 0. NE 1. NE 3. & 4.	24	25	35	Severe frost with rime on the trees, and hedges, bright forenoon, more hazy afterwards; at times cloudy followed by snow before sun-set, Snowy evening, more wind, and very cold. A most excessive fall of snow from 10 pm, till after midnight.
Friday. Jan.ʸ 31.	·38 ·52 ·65	N 1. N 1. N 1.	26	28	36½	Exceedingly heavy snow till dawn, even to the depth of 2 feet on the level, the shrubs bowed down under the weight of it. Chiefly bright in the day, but some distant snow-clouds.— Sharp frost continued. even.ᵍ at times cloudy in part, but mostly clear. Therm.ʳ 30° at ☉ set, & at 8 pm 27°.—

Results for January 1845.

Barom.ʳ			Thermom.ʳ		
	Highest on 7ᵗʰ.	30·37		Highest on 6ᵗʰ	49°
	Lowest on 28ᵗʰ.	29·07		Lowest on 30ᵗʰ	24°
	Range	1·30		Range	25
	Mean of Month	29·86		Mean of Month	38°·129

Prevailing Winds SW. SE, & S. Depth of rain 2·03 Inches. Fine days 17.

This month on the whole was mild to the 26ᵗʰ day, with much southerly wind and fogs;—but during the last 5 days very cold and exceedingly snowy. The depth of snow exceeded what we have seen for a great many years past. The sickness of previous months began to abate very much, and nothing succeeded in place of the disorders which had partially ceased.—

February 1845.

Days.	Barometer	Wind.	Thermometer out of doors lowest	8 a.m.	highest	State of Weather. Clouds, &c.—
Saturday, Feb.ʸ 1st.	29·80 ·82 ·91	NW 2. N 2. NNE 1. NNE 2	23	25	37½	Severe frost, much haze and soon became overcast with hail and snow, frequent heavy falls of snow and some hail, the sun at times bright between the storms.— Exceedingly heavy snow at 5 pm and at times till 6 pm.—Changeable even.ᵍ but continued freezing. Th.ʳ at 8 pm 29°. Severe during night, and chiefly clear.—
Sunday. Feb.ʸ 2nd.	30·06 ·08 ·08	NE 0. NE 1. & 2. NE 0.	21	24	37	Severe frost, in part clear with light & fleecy clouds; the snow is still very deep although much settled down. A fine day often cloudy, but chiefly sun. Evening quite clear, no wind, and the frost sharper. 8 pm Th.ʳ 24°, and at 10 pm 18°. Quite clear.—
Monday, Feb.ʸ 3rd.	29·96 ·96 30·03	W ½. NW 1. NNE 3 2. & 1.	15	32	39½	Extreme sharp frost very early in the morn.ᵍ, and lowest 15°, but soon changed to overcast and drizzling which became frozen upon the surface, extremely slippery for walking out.— Very thick, foggy, and a thaw all day, but not fast: clearer from 4 till 6 pm, afterwards cloudy and more wind.
Tuesday, Feb.ʸ 4.	·25 ·27 ·24	N 0. N 1. Var 0.	34	35	41	Chiefly clear, and a little frost, fine day and sun at times, gentle thaw and the rivers overflowing. Thin clouds and no wind—beyond now & then a little gentle breeze.— Even.ᵍ clear and frost, Therm.ʳ at 8 pm 31°.—
Wednesday Feb.ʸ 5.	·05 29·95 ·91	W 1. NW 3. NW 5. & 6.	30	34	43	Frost early, gentle thaw all day, but fine and chiefly sun, some raggy and threatening clouds, more wind after 6 pm, stormy inclined, and some very dark clouds. Strong gales with sleet storms during night.
Thursday, Feb.ʸ 6.	·85 ·91 ·98	NW 5. NW 6. NW 5.	30	31	36	Sharp wind frost, bright morning & chiefly fine till 2 pm, afterwards frequent snow and squalls of wind, very cold and stormy. New moon 6½ pm. Snowy evening, rather less wind.
Friday, Feb.ʸ 7.	30·03 ·04 ·08	NW 1. NW 1 NW 0.	23	24	37	Severe frost, little snow showers during the morning: clear day, and very little wind, evening quite clear, and calm, stars bright, and very severe frost. 8 pm Th.ʳ 22½°,—but at 10 pm 25°. Afterwards again lower.
Saturday, Feb.ʸ 8.	·14 ·17 ·20	NW 0. NW 0. NE 1.	19	21	35	Very severe frost, no wind, and very clear till after 2 pm, afterwards some cirri and haziness, but still very cold. 5 pm Therm.ʳ 30°, and at 8 pm 28°. Very hazy and a little more wind perceptible at NE. Some snow during night, followed by sharper frost.—

February 1845.

1845.	Barometer	Wind.	Out-door thermometer lowest early	8 a.m.	highest state	State of Weather, Clouds, &c.
Sunday, Feby. 9.	30·21 ·73 ·70 ·07	Var. 0. S E 2. SSE 4. SSE 5.	20	21	32	Very severe frost, chiefly clear, but a little haze. Very bright all day, and a longitudinal Arc of cirri & white haze from the SSW to NNE, the north sky clear, and the lower current from SSE, but extremely cold cutting & piercing. The Thermr only 32° at the highest, and at 4½pm 28°. More wind during evening & exceedingly piercing, 8pm 26°, rather thick about SW, but clear upward.
Monday, Feby. 10.	29·91 ·86 ·83	S E 5. S E 5. S E 5.	26	27	33	Continual hard frost, and very piercing wind, hazy and some dark cumuli and cirrostrati: a little snow in the morning, but a fine day. – Evening more clouded and the wind very sharp. 8pm Th. 27°. –
Tuesday, Feby. 11.	30·05 ·17 ·31	E 3. E 2. ENE ½. ENE ½.	22	22	29	Quite clear and very sharp with brisk cutting wind at East, clear all day, and exceedingly cold. Some long cirrostrati near the sun at setting & after, otherwise clear. By 3pm the Thermr down to 25½; at 5pm 23°, 7pm 19°, 8pm 18°, & at 10pm 17° – quite clear and no wind. –
Wednesday Feby. 12.	·47 ·48 ·48	Var. 0. NW 0. NW 0. Var. 1 & 0.	14	15	32½	Clear except a few distant cirrostrati about the SE – excessive sharp frost, and no wind: very bright all day, and no wind, but after sun-set more hazy & a little wind from the West, afterwards again calm, severe frost continued, thin haze and lunar halo. – Thermr 23° all the eveng. A little more wind at times during night, and more hazy.
Thursday Feby. 13.	·31 ·14 ·01 29·94	S 3. SSW 5. SW 4. SW 4.	22	24	32	Arcs of mottled cirrostratus all the morng from South, severe frost and piercing gale. Soon became cloudy with heavy fall of snow from 11am, till 3pm, afterwards rain, hail, and sleet; still freezing hard, and every object thickly cased with frozen rain. The trees decked in grey & rustling like ripe corn in the wind. About noon the Thermr was 32°, but at 4pm – 29° during the rain; yet at 8pm, above 31°, rain continuing, gentle thaw at times during night, wind less & rain ceased.
Friday, Feby. 14.	·78 ·80 ·85	NW 1. NW 1. NW 1.	29	35	41	Fine, & chiefly clear, little frost: bright and fine day, cumuli clouds & some very rocky groups Northward 4pm. – gentle thaw, but after 5pm, froze again. – Showers of snow during the evening. – some very heavy. –
Saturday, Feby. 15.	30·00 29·98 ·94	NW 1. NW 2. NW 4.	29	31	37	Hard frost during the morng, but thawing in the day, chiefly cloudy, and quite so in the afternoon; a little snow at intervals. Evening very cloudy and more wind, a very little wet at 9pm. Clearer with little frost. –
Sunday, Feby. 16.	·96 ·98 30·02	N 0. N 1. NNE 0.	30	32	40	Clear morning and frost, chiefly sun with cumuli of a low and loose kind, gentle wind, and thaw. – Much brighter after 2pm and till near 5pm, but the evening chiefly clouded over and calm. Thermr 34° at 8pm. – A little snow during the night.

February 1845.

1845.	Barometer	Wind.	Thermometer out of doors lowest early	8 a.m.	highest state	State of Weather, Clouds, &c.
Monday, Feby. 17.	30·07 ·08 ·11	N E 0. N E 0. ESE ½.	30	32	41	Light clouds, gentle frost in the morning, thaw in the day, bright forenoon with cumuli clouds, more clouded after 2pm; and the evening also cloudy, and a very little wind from ESE. – The clouds moved in a SE upper current all day. –
Tuesday, Feby. 18.	·13 ·13 ·15	S E 0. S W 1. S W 0.	32	33	40	Calm and little frost, lightly cloudy with sun, quite bright in the middle of the day afterwards curdled over with grey clouds. 8pm – become clear, no wind, and frost set in again, Thermr 32°. – A curdled sheet of cloud drawing off to Southward. – The clouds all moved from NW to day.
Wednesday. Feby. 19.	·22 ·25 ·26	E 3. E 3. N E 0.	29	31	33	Sharp wind with hard frost and grey cloudiness, little snow in the morning, but chiefly very fine, and the wind very sharp. – A little sun at times during afternoon, and a clear eveng, with sharper frost. Thermr at 11pm 24°. – Some white fleecy clouds & moon between.
Thursday Feby. 20.	·26 ·21 ·16	S E 1. SSE 3. SSW 3.	22	24	31	Somewhat hazy but chiefly clear, and the frost much sharper with piercing wind. Very fine day, bright sun, but exceedingly cold. Red sun-set. Thermr down to 27° before 4pm, and at 5pm 25° – and continued stationary at 25° all the eveng, but more clouded after 6pm. –
Friday, Feby. 21.	·01 29·95 ·88	S W 1. S W 2. S W 1.	25	28	42	Hazy but bright and sharp frost during the morning. Very fine and sunny day, milder and very pleasant: a few light cumuli, and cirrostrati. Red sun-set with haze on horizon. Clear evening and frost. Thermr 32° at 8pm. –
Saturday Feby. 22.	·62 ·57 ·59	S E 1. S E 1. S E 1.	27	28	38	Hazy with much cirrostratus and hard frost during the morng, fine and sunny day with many cirri, and white haze. Scarcely any wind, but more cloudy during evening – and frost. Thermr at 8pm 32°. – Full moon 6¾am. –
Sunday, Feby. 23.	·54 ·52 ·50	S E 3. S E 3. 2. 1. Var. 1. NW 2.	30	30	33 to 35	Continued frost, more wind and very hazy became cloudy after 8, with more or less snow all day, except about 2pm, finer but overcast. Snow again at 3, 4 & 5pm. Eveng overcast, wind veered round to NW – and little snow. – Thermr 32° at 8. & 35 at 11.
Monday, Feby. 24.	·70 ·80 ·97 30·04	NW 2. NW 2. NW 1. & 0.	31	33	38½	Damp and overcast, little sleet during the morng, continued cloudy and thaw, but still cold and unpleasant. Clearer after 4pm, and very cold. Evening clear starlight and hard frost, Thermr at 8pm under 30° – and no wind. – The frost has now been constant for the last four weeks, the coldest February known for many years. –

February 1845.

1845	Barometer	Wind	Thermometer out doors: lowest early	8 a.m.	highest state	State of Weather; clouds, &c
Tuesday, Feby 25.	30·22 ·20 ·09	SW 0 SW 2 SSE 3	24	27	40	Clear and severe white frost, bright till 3pm, an arc of barred cloud then came across the lower current, afterwards chiefly cloudy: wind rising with stormy appearances all the evening: rain began at midnight & continued 3 hours. –
Wednesday, Feby 26.	29·63 ·66 ·80	NW 4 NW 6 NW 5	33	42	47	Rain & thaw early, clear morn^g, windy, & fine till after 3 pm, sun at times, but at 3½pm very clouded with drifty rain and squalls of wind. At 5pm very dense clouds and exceedingly black, and a dark clouded squally evening. The snow is now at length nearly gone. –
Thursday, Feby 27.	30·06 ·06 ·08	S W 0 S W 1 S 1 S E 1	32	34	38	Fine morning, little frost, partly clear and the wind fallen away to calm. – Soon cloudy, chiefly overcast, but fine and very little wind. Continued quite cloudy and the wind veering back to more Eastward.
Friday, Feby 28.	·12 ·13 ·13	ESE 4 ESE 4 E 4	31	31	34½	Hard frost & very cold winds, chiefly cloudy till 11 a.m, & a few flakes of snow: became bright after 11, very fine but very cold and freezing still in shade. Clear sunset, but some horizontal bands of cirrostratus across the WSW. Clear evening sharp wind & hard frost.

Results for February 1845.

Barom^r:
- Highest on 12th – 30·48
- Lowest on 23^d – 29·50
- Range – 0·98
- Mean of Month 30·019.

Thermom^r:
- Highest on 26th – 47°
- Lowest on 12th – 14°
- Range – 33
- Mean of Month 31°·66

Prevailing wind the NW; depth of rain 0·46 of an Inch; fine days 21.

This month was exceedingly cold, and severe with piercing winds, great snows, and much sickness. The most severe and continued frost known in England for 59 years at this time of the year! – The following shews the state of Thermometer in different places in England on February 12th 1845, during the intense cold.

At Greenwich 10°.
Isleworth, Kent – 5°.
Farnborough – 4°.
Walworth – 10°.
Brighton – 15°.
Leintwardine, Herefordshire – 11°.

Wilford – 1½°.
Reading – 2½°.
Uckfield, Sussex 3°.
Chiswick – 3°.
Lewisham 1½°.
and by 5 different Thermometers at the same place at 7½ AM – it was at Zero! —
And on the grass 6 below Zero!

One Therm^r lying on flax was 12½ below Zero – at Lewisham, on 12th Feby. One under the snow on long grass 26° above Zero. And one under the grass under snow – was 28°. – The above and foregoing shew the effect of a covering of snow, and proves that the earth yields warmth. –

March 1845.

1845.	Barometer	Wind	Thermometer out of doors: lowest state	8 a.m.	highest state	State of Weather, Clouds, &c.
Saturday, March 1st.	30·09 ·06 ·02	S E 3 S E 3 S E 2	27	30	38	Bright morning, hard frost & keen wind, very fine and bright day with rippled cirrostrati from SE to NW at times. More hazy in the evening, and less wind.
Sunday, March 2.	29·98 ·97 ·98	N 0 N E 1 E 0	31	33	40	Somewhat hazy with thin clouds & a little sleet early with hard frost; fine sunny day with light clouds, and much of the ribbed cirrostratus in white lines. – Evening cloudy. – Clearer at 10pm.
Monday March 3.	·82 ·79 ·81 ·98	E 3 E 4 ENE 5	29	31	33	Overcast, frost, and continual snow from before 6 a.m, snow increased – exceedingly heavy all the forenoon, but ceased at noon, became fair, & a bright afternoon, with piercing gale and Therm^r fell to 29° at 2pm, continued falling, and stood at 8pm 25°. – Even^g chiefly clear but again cloudy & more wind after 8pm. – The snow to day 8 inches deep. – Very severe frost all night. –
Tuesday. March 4.	30·01 ·02 ·02	N E 1 N E 2 N E ½	24	27	34	Severe frost but cloudy and snow almost continual more or less heavy all day. A little sun at times. Evening cloudy but still severe, and at 8pm Therm^r 26°. – Less wind and no stars visible.
Wednesday, March 5.	·05 ·12 ·21	N E 0 N E 1 N E 0	21	23	35	Extremely sharp frost, no wind, and chiefly clear, but soon overcast with very heavy snow till 9 a.m. – Several falls of snow after that, but at times bright and finer. Therm^r at 4pm 28°; at 5pm 26°; 6pm 24°; and at 8pm 21°. – Extremely sharp frost, & at times clear, but some flights of snow from thin clouds. –
Thursday, March 6.	·30 ·33 ·34	N E 0 N E 1 N E ½	17	23	34	Extremely sharp frost but more hazy after dawn, frequent falls of snow, and some of them heavy: finer afternoon & chiefly sun; frost continuing –; Therm^r at 4pm 28°; but more cloudy from this hour during the evening, yet fine. 8pm 26° & clearer. – Night rather cloudy. –
Friday, March 7.	·34 ·32 ·30	N E 1 N E 4 N E 1	24	30	39	Chiefly clear, sharp frost but less so –; grey clouds, sun, and brisk wind during the day, but very fine. Clear evening and frost, but less severe. Therm^r 30° at 8pm. less wind than in the mid-day. – Some snow during night. –
Saturday, March 8. New moon 6½ a.m.	·22 ·32 ·33	E 2 E 3 ENE 3	29	33	38½	Hazy with cirrostrati, scuds, and sun, and gentle frost, but a very cold wind. Chiefly bright with flying clouds & very keen wind. Clear orange sun-set, and bright stars all the evening with a hard wind-frost.

☞ – The extreme severity of cold for these last six weeks exceeds what this Island has experienced for 59 years past at this time of the year!

March 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest early	8 a.m.	highest state	State of Weather, Clouds, &c.
Sunday, March 9.	30·33 ·30 ·31	N E 4. N E 4. N E 4.	30	34	41	Very clear and wind frost, thawing in the day, but a very cold & rough wind, scuds, and sun: evening quite cloudy, and windy as before. – Cloudy night, and some fog. –
Monday, March 10.	·23 ·16 ·13	N E 3. NNE 2. NNE 2.	33	37	41	Very dark and foggy with brisk wind. – clearer and no fog but cloudy, less wind. Chiefly fine and cloudy with gleams of sun at times. Evening cloudy and rather milder: the snow nearly gone.
Tuesday, March 11.	·02 29·99 ·99	NNW 2. N W 3. N W 1.	32	33	40	Little frost & flight of snow before sunrise. – Frequent heavy falls of hail and snow with sun between, and very rocky white headed clouds. At 3½ pm – an exceedingly great storm of hail & snow for above half an hour. Clear and frosty night, 8 pm Therm 30°. –
Wednesday, March 12.	·95 ·89 ·93	Var. 0. S W 1. S E 2. E S E 6.	27	28	41½	Severe frost and thick fog but soon overcast and very heavy snow from 8 till 10½ a.m., then bright with rocky clouds for several hours. Wind veered Eastward at 4 pm – Therm fell at ☉ set to 29°: became hazy with very heavy fall of snow after 7 pm and frost sharper. Therm at 8 pm 28°. – High wind and extreme heavy snow till 11 pm.
Thursday, March 13. ** The greatest cold ever before recorded in March in this Island. –	·95 ·90 ·86	E N E 3. E N E 3. E N E 0.	16	17	25½	Extreme sharp frost & chiefly clear, with a very piercing wind, bright sun but freezing severely all day. At 9 a.m. the Therm rose only to 20°, its highest between 11 & 12 was 25½, but at noon only 23°; 2 pm 21°; 4 pm 19° 6 pm 17°, and soon after 15°; clear orange sun-set, less wind, clear and calm eveng, 8 pm Therm 12°! stars bright: very clear night – a little before 10 pm Therm 11°!
Friday, March 14.	·78 ·76 ·78	N E 0. N E 1. N E 0.	5	13	32	Excessive severe frost, quite clear, no wind, very rosy horizon, and some rime on the twigs. Therm lowest at 6 to near 7 am, when it was even down to 5 degrees as shewn in foregoing column. – Very bright day & at times a very little wind, so that the sun produced a little more warmth. Therm 10 am 24°, at noon 30°, afterwards 32°, but at 5 pm 27°, at 6½ pm 24°, and at 8 pm 21°. Very clear, stars bright, & no wind. Some red streaks of haze at sun-set, about the west horizon. Still most excessive cold.
Saturday, March 15.	·85 ·91 ·90	N E 3. N E 5. N E 4. & 5.	14	21	32	Somewhat hazy with cirri, but chiefly clear with excessive cold, & piercing wind. More hazy, much cirrus, cumulus & scud and little sun. By 4 pm Therm down to 27°; at 6 pm 25°; & at 8 pm 24°. Very hazy, moon dim, and very piercing wind. – The most intense frost on record at this season of the year, for several weeks past, and especially these three days which for their extreme coldness exceed what is usual in England even in midwinter, and surpass any ever noted in March in the memory of man!!! –

March 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest early	8 a.m.	highest state	State of Weather, Clouds, &c.
Sunday, March 16.	29·75 ·62 ·64	N E 6. N E 6. N E 3. & 2. N 1.	24	25	29	Continued severe frost, with more wind, strong gale and extremely piercing, but chiefly cloudy and a few flakes of snow. After 1 pm more cloudy and snowing fast at times, the wind a little abated, but still freezing severely. – At 3 pm Therm down to 26°, and at 8 pm 24°. – Thick fall of snow all the eveng after 6 pm. – and wind much less. –
Monday, March 17.	·73 ·78 ·81	N W 2. N W 4. N W 1.	22	27	34	Severe frost, but hazy with clouds & little snow, and there has been much during night past. Continued overcast and snowing fast at times, but less frost. Evening fine, cloudy and but little wind. Thermom 32° at 8 pm. Night in part clear and sharper frost. –
Tuesday, March 18.	·78 ·79 ·77 ·81	N W 0. Var. 0. E 0. N 0.	20	28	42	Severe frost in the morning, but soon became overcast with fast snow at 8 a.m., and a little at times all the forenoon, milder with sun at noon, and still little or no wind. – Some dark and low clouds after sun-set, sky red in the West: and a little snow. – Cloudy eveng, but less so. Therm 32° at 8 pm. –
Wednesday, March 19.	·76 ·82 ·93	W 1. N W 2. N 1. chiefly NW.	29	32	41	Frost, but less severe, snow at times, and very fast at 9 a.m; afterwards more fair, and sunny, rocky cumuli and little breeze. – After 5 pm flights of hail and snow, but in part clear, and gentle frost. 8 pm Therm 32°. – Clearer afterwards. –
Thursday, March 20.	30·12 ·22 ·35	N W 1. N W 3. N W 0.	27	31	40	Sharp frost, and clear morng; chiefly sun in the day, with cumuli clouds, and some thin cirrostratus. Clear evening and frost again. Thermom at 8 pm 32°. – Vernal Equinox. Day & Night equal.
Good Friday, March 21.	·52 ·57 ·58	W N W 0. W 2. S S W 3. S S E 3.	27½	33	44	Clear morning and considerable frost: very fine and bright till 3 pm, more cheerful than of late. An arc of mottled cirrostratus with a blue haze after 3 pm. the Arc moved from NW, but the lower breeze was then veered to SW. – Very hazy and thick all the evening, and no frost, Therm at 8 pm 37°. Wind to SSE since 5 pm.
Saturday, March 22.	·45 ·40 ·41	S W 3. S W 4. S W 4.	34	40	51	Cloudy, & complete thaw, mild with light rain and a soft breeze, fine about noon and till sun-set, very mild and pleasant but cloudy. – Evening rainy and windy but mild. Therm at 8 pm 47°. –
Sunday, March 23. Full moon 8 pm.	·28 ·21 ·09	S W 4. S W 3. S W 1.	45½	48	52	Very mild and windy with rain at times till noon, finer afternoon, cloudy and mild: Rain again a little before 6 pm, and continual hard rain all the eveng. Therm 47° at 8 pm. – Very rainy night
Monday, March 24.	·03 ·21 ·24	N W 3. N W 2. Var. 0.	42	44	52	Heavy rain early & till near 7 am, afterwards fair – pleasant & sunny with cumuli clouds and drying breeze. – Calm and serene evening. Very great floods in the vales from last night's rain. – 8 pm Therm 41°. – chiefly clear.

March 1845.

1845.	Barometer	Wind	Thermometer out doors lowest early	8 a m	highest State	State of Weather. Clouds, &c.
Tuesday. March 25.	30.17 ·11 ·01	S E 3. S E 3. S E 3.	35	40	51	Very foggy all the morning, but clearer after 9, fine drying day, sun at times, much scud and mottled cirrostrati with cirri also. — Evening more clouded rather inclined to rain. 8pm Th 44°. —
Wednesday March 26.	29.83 ·96 ·98 30.01	N W 3. N W 3. W 2. W S W 3	41	45	53	Some rain early, but became fine at ☉ rise. Fine sunny day, with cumuli, and drying wind, pleasant and cheering. Some barred cirrostrati at ☉ set, followed by more wind and clouds during evening. — Mild and windy all night.
Thursday March 27.	29.80 ·95 ·93	W 6. W 5. S W 6. 8 7.	42	50	56	Cloudy, very mild, with light flying rain at times, and squalls of wind. — Finer after 3pm and warmest at 5pm. much cirrocumuli & cirrostrati about sun-set. Very windy and warm evens, and hard gale all night. —
Friday, March 28.	·69 ·74 ·82	W S W 7. W 7. W 7. W by N 6.	47	50	56	Very stormy morning, squalls of wind, and drifts of flying rain, and very mild. After 9am fine with much sun, cumuli and scuds, and very strong gale all day. Evening chiefly clear, rather less wind. — Roads and fields much dried.
Saturday March 29.	30.01 ·22 ·36	N W 6. N W 5. N W 1.	39	45	56	Clear windy and drying morng, very fine day, bright sun, and rocky cumuli, with a boisterous wind. & very drying. — Beautiful evens. chiefly clear, and very lit the wind. Some dark scattered clouds. —
Sunday, March 30.	·40 ·29 ·70	S 1. S 4. S S W 5.	34	41	52	Very fine & a little frosty. chiefly clear, but some barred cirrostrati in parallel lined arcs, more hazy after 10, and chiefly cloudy all the rest of the day. more wind, and undulated cirrostrati. Squalls of wind and rain after 6pm. Windy night, but finer. —
Monday, March 31.	·14 ·32 ·40	N W 5. N W 3. N 0.	40	45	60	Flying clouds with sun, and boisterous wind in the morng. Very fine, bright and warm day, much less wind, and a very few small cumuli clouds. Clear evening, except some cirri westward at ☉ set and a little after. wind all gone.

Results for March 1845.

Barom.	Highest on 21st = 30.58	Thermom.	Highest on 31st - 60°.
	Lowest on 16th — 29.62		Lowest on 14th — 5.
	Range — 0.96		Range — 55
	Mean of the month 30.06		Mean of month 35.83

Prevailing winds NE & NW. Depth of rain 1.12 In. Fine days 17.

This month was most remarkable for its extreme coldness, having exceeded any other March on record in its intensity of frost, and seldom at any time of winter do we witness so severe weather as that of this notable March 1845!

Further remarks on the cold winter 1845.

Coldest days Feb 12th, March 13th, 14th, and 15th, at this place. —

Most of the laurels, & laurustinus, were much injured, and some quite destroyed by the frost, and the vegetables in the kitchen garden also, especially Cauliflowers, scarcely one plant in 20 survived. — The duration of this frost more or less was 16 weeks and 4 days, reckoning from Nov 25. 1844 to March 21st 1845, and the number of degrees of frost was 453! viz in Nov - five; Dec 87°; Jan 31°; Feb 164°, and March 166°! —

April 1845.

1845.	Barometer	Wind.	Thermometer out of doors lowest State	8 a m	highest State	State of Weather, Clouds, &c.
Tuesday, April 1st.	30.42 ·37 ·34	S E 2. S E 3. S E 3.	35	39	42	Very cloudy, and so continued all the day, with very cold wind, and no sun. — Evening the same, and rather more wind. but afterwards less: little white frost during night.
Wednesday, April 2nd.	·27 ·24 ·22	S E 2. S E 2. S E 0.	33	41	55	Clear, very fine; the same all day, sun in general bright, tufts of cirrus in curled forms, and some white streaks of haze. The same kind of clouds continued all day with a light breeze, and very pleasant. Evening clear, and no wind. —
Thursday. April 3rd.	·13 ·07 ·07	S E 1. S E 2 S S E 0.	35	45	68	Quite clear, very bright morning, continued bright sun, exceedingly fine and very warm day, no clouds but curly cirri. — Clear orange sun-set, and beautiful starlight night, no wind. and Th 47° at 9pm. had been 68 for above an hour in the afternoon.
Friday, April 4.	·04 ·11 ·21	E 0. E N E 2 N E 3.	36	47	65	Clear and very bright all day, but rather more wind, and became cooler as it veered to NE. Clear till sun-set, afterwards clouded over with low scuds, and a very cool breeze, - rather increasing.
Saturday, April 5.	·20 ·17 ·19	N E 2. N E 3. N E 3.	36	42	54	Very clear and a parching breeze, exceedingly fine, but rather cold. no cloud all day. since 7am, but had been cloudy in the early part of the morning. — Evening clear and the wind blowing a breeze. —
Sunday, April 6. New moon 7½ pm.	·08 ·06 ·06	N E 3. N E 3. N E 0.	34	44	54½	Quite clear, very fine, and a continued cool breeze. No cloud all day, except a few collapsed cirri Northward & Southward very distant in the afternoon. — Very clear & deep orange sunset, and a clear evening, strong twilight, and the wind fallen to calm. 8pm Therm 38°.

April 1845.

1845	Barometer	Wind	Thermometer out of doors: lowest state	8 a.m.	highest state	State of Weather, and Clouds.
Monday, April 7.	30·02 ·03 29·97	N 1. N 0. S E 1.	32	38	47	Cold and foggy morning clearer but cloudy all day, and cold, with very little or no wind. Darker clouds in the evening and wind veered after 3 pm. – More wind during the first hours of the night.
Tuesday, April 8.	·72 ·58 ·52	S 3. S W 3. S W 3. W 5. W 1. Var. 0.	37	42	53	Cloudy with some occasional rain during the forenoon, more fair and sunny after 1 pm, with rocky clouds, and electric ones. – Squall of wind soon after 3pm – with a drifting shower of rain & sleet, afterwards again sunny, and sun set clear, except some small rocky dark cumuli. – A little distant Thunder Westward 3pm.
Wednesday, April 9. □ ⊙ ♂	·30 ·07 ·06 ·07 ☞ ·04 28·99	E 0. N E 3. N 4. NNW 4. dur^g night	30	40	49	Very white frost & clear, but soon very hazy and the haziness increased all the forenoon sun visible with a halo. Very cloudy and gloomy afternoon, more wind, and began to rain about 3pm. Rainy, cold and windy evening. Therm only 39° at 5pm, but had been 49°. Barom extremely low & fell during the night to 28·99! –
Thursday April 10.	28·99 29·05 ·13	N W 5. N W 5. N W 3.	36	40	42	Much drifting rain and snow with a boisterous wind, exceedingly stormy and cold with more or less rain all day. Very dark clouds with stormy rain in the even^g, but rather less wind. Frequent rain during the night. –
Friday. April 11.	·37 ·57 ·72	N E 2. N E 2. N E 1.	35	41	48	Cloudy more or less, and a cold unsettled atmosphere; clearer afternoon, sun a little at times, between dark raggy cumuli, sun set red & clear in part. – Even^g nearly clear, with some haze, and a faint halo. –
Saturday. April 12.	·80 ·82 ·86	N W 2. N W 2. N W 1. Var. 0.	37	41	51	Cloudy more or less, but fine; many cumuli and some dark ones, but more sun after 11 am and during afternoon; evening cloudy and calm, mild atmosphere and the wind variable in point. A little rain during the night.
Sunday. April 13.	·88 ·67 ·40	N W 1. S W 4. S 5. S W 4.	39	46	51	Light clouds, some fleecy cirrocumuli, and sun; soon became more clouded, with a great deal of thick blue haze, and more wind, followed by rain after 2pm, and increased to hard rain between 4 & 7 pm. Finer at 8 pm, less cloudy, but a stormy and blowing night. –
Monday. April 14.	·38 ·44 ·52	N W 4. N W 6. N W 6.	42	45	52	Very squally with heavy clouds & little sun flying showers of hail about noon, followed by exceedingly heavy driving rain, hail, and sleet in storms all the afternoon, the wind very galy. Evening finer but windy. Some thunder about 3pm during the storm. –
Tuesday. April 15.	·70 30·02 ·10 ·22	N 6. N 5. N E 5.	38	40	44	Strong wind with driving rain from 1am till about 6am – afterwards chiefly fine but quite clouded, and a very cold blowing day; evening the same. A very unsettled state of air for some days past. –

April 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest state	8 a.m.	highest state	State of Weather, and Clouds.
Wednesday, April 16.	30·38 ·36 ·40	N E 4. N E 4. N E 2.	38	42	52	Cloudy with low clouds & fog all the morning, became clearer after 10, fine day chiefly bright, with low scuds flying. – Evening clear for the most part, but some scuds as before. Cold wind all day. Night clear at 10pm & after. –
Thursday, April 17.	·41 ·37 ·37	N E 2. N E 4. N E 5.	39	48	56	Quite clear, and much more pleasant – very fine and bright, some cirri & light cumuli. Evening cloudy and more wind but not very cold for a N E wind. – Wind still increasing after 8 pm, with flying misling showers & foggy night.
Friday, April 18.	·28 ·26 ·25	N E 3. N E 3. N E 3.	37	40	51	Heavy dripping fog all the morning; finer & clearer after 10am, bright afternoon with low clouds flying. – Red sun-set – followed by cloudy evening, wind brisk and cold all the day, & so continues.
Saturday, April 19.	·20 ·15 ·19	NNE 2. N 3. N 1.	39	44	56	Morning cloudy but soon clearer, a very fine and bright day, with a parching breeze from N by E, and N – chiefly. – Very clear evening, less wind, and scarcely any after 8 pm. Night clear & more wind.
Sunday, April 20.	·22 ·24 ·29	N E 2. ENE 2. ENE 2.	38	50	65	Quite clear, very fine and bright, with a parching breeze & much warmer. Hot in the sun. – Some cirri in a train from ENE towards WSW at 5pm & after. Clear orange sun-set, and clear even^g with a breeze.
Monday, April 21.	·23 ·21 ·17 ·19	N E 3. N E 3. N E 2.	39	50	60	Clear, very fine, bright sun, and brisk wind, less warm than yesterday, but continued clear till evening: brilliant sunset, afterwards cloudy, followed by fog more or less. –
Tuesday, April 22.	·13 ·11 ·10	NNW 1. N 1. N E 1.	37	45	66	Dripping fog early and cloudy till after 9 am: then brighter. – Full moon at 7 am. A very fine, bright, and warm day, no cloud till a little light mottled cirrostratus passed in a current from S to W – about sun set. Clear even^g; Th^r 47° at 8½ pm.
Wednesday April 23.	·02 29·97 ·93	N E 0. ENE 2. ENE 1.	39	51	69	Quite clear and a heavy dew, very fine clear, and hot day with cirri in many forms & slight halo. – At 5 pm some distant rocky headed clouds on the SSE horizon. Some cirrostratus about the west at sun-set, but chiefly a clear evening and warm. 8pm Therm^r 51°.
Thursday April 24.	·86 ·87 ·91	Var. 0. S 1. S 2. SSE 0.	40	54	73	Quite clear, lovely morn^g, & no wind. Some cirri in Arcs and more electric as the day opened. – Exceedingly fine, and very hot day, with bright sun in general. Some curdy cirrocumuli in very white flocks all the afternoon, and mixed groups at a great distance – looking like thunder clouds, dark ones in the West at 5pm. Calm & close even^g Th^r 57° at 8 pm.

April 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest early	8 a.m.	highest state	State of the Weather & clouds.
Friday, April 25.	29·93 ·94 ·88	SSE 1. S E 2. S E 2.	45	59	70	Bright morning with many electric cumuli & mixed clouds, very fine and hot day, but more wind after 12, and towards evening hazy with cirrocumuli and cirrostrati, dark haziness in the Southern sky and shews for rain. Warm night, clouds & wind.
Saturday, April 26.	·58 ·63 ·72	SSE 4. S 4. S W 5. S W 3.	52	56	64	Rain and squalls of wind early till after 8 a.m, but very warm. After 9 it became fine, chiefly sun, with rocky cumuli flying, windy but warm and very growing day. Some distant showers. Windy night, clouds flying.
Sunday, April 27.	·77 ·75 ·81	S W 4. S W 6. S W 5.	47	54	62	Many flying clouds; boisterous and squally wind; chiefly fine, but very windy, with flying clouds, and some very heavy and dark ones: sun at times. Rather dappled in the evens & less wind.
Monday, April 28.	·83 ·81 ·82	SSE 2. S E 4. SSE 5. 4. 3. 2.	45	57	67	Thin flying clouds & mottled cirrostrati, but fine & warm. — More wind, many cumuli, and white curving fleecy clouds, sunny at times & warm, with very squally wind driving up the dust. Less wind during night & very close. —
Tuesday, April 29.	·97 30·03 ·08	WNW 1. W 1. S W 0	52	57	67	Close & a very little wet early, cloudy but less so and very warm and pleasant, some sun with lighter clouds, very fine and close air. — Calm & very close evening, cloudy in part, & Therm 57° at 9 pm. — A little more wind after 9 pm.
Wednesday, April 30.	·17 ·18 ·10	S W 2. S W 3. S W 5.	51	57	66	Cloudy but soon clearer; very fine and warm; again cloudy & more or less so all day, but very fine and warm. — Much dappled with dark low clouds during evening, and a gale came on after 8 pm. Windy and warm night. —

Results for the month of April 1845.

Baromr.	Highest on 1st — 30·42 on 17th — 30·41		Thermomr.	Highest on 24th 73°.
	Lowest on 9th & 10th — 28·99			Lowest on 9th — 30.
	Range — 1·43			Range — 43
	Mean — 29·943			Mean of month — 48°·208

Prevailing wind the N E. Depth of rain 1·75. Fine days 25. Evaporation 3·57.

This month proved on the whole a fine time, and a very joyful contrast to the recent severity of cold. Towards the close it became very warm and growing, and vegetation went on well.

On 24th at 2 pm while fine & hot here, a sharp thunder storm at Chigwell Essex, where a tree was split by lightning & a man killed under it.

May 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest state	9 a.m	highest state	State of the Weather. & Clouds.
Thursday, May 1st.	30·01 29·93 ·92	S W 5. S W 5. S W 5.	53	61	68	Flying clouds with grained cirrus above them, a little flying rain very early, but a fine morning and chiefly sun, cirri, scuds, and wind. Some cirrocumuli & mixed clouds but continued fine, sunny & windy. Cloudy & wind evens, but clear in the NW horizon. Therm 58 at 9 pm. —
Friday, May 2nd.	·90 ·93 30·01	W S W 4 W S W 5. W 4. W N W 2 W 1.	49	61	65	Clear, bright morning — with brisk wind, followed by cumuli and scud. Chiefly fine but many black clouds with showers at a little distance during afternoon, and squalls of wind at times. Hasty flying showers at 3 and 6 pm, the last from NW, and less wind. A little distant Thunder soon after 3 to the Southward. Another sudden shower at 8 pm. — Night in part clear. —
Saturday, May 3rd.	·07 29·97 ·92 ·94	S W 3. W 4. W N W 4 2 & 1. W 2.	44	54	58	Hazy & cloudy, with cool breeze and dim sun; a little sun from 10 till 11 a.m; afterwards squally with showery rain, much cloud, and a little sun at times. — Hasty showers at 4, 6, & 8 pm. — less wind. Night in part clear, and chiefly fine, but cooler. —
Sunday, May 4.	·91 ·88 ·92	W 2. N W 2. N W 1.	42	53	57	Heavy and dark clouds with white rocky heads and sun between: a very heavy shower of rain, & hail soon after 10, with distant thunder, repeated storms of large hail, & heavy rain, with thunder at 11 a.m, 1½ pm, 3 pm, & between 5 & 6 pm, exceedingly black as the last 2 storms came on, and vivid lightning — the thunder loud and continual, several claps shook the windows much. — All the storms rose N W.
Monday, May 5.	·96 ·98 ·91 ·92	N N W 1. N N W 1. N N W 1.	40	50	53	More or less cloudy, little sun, but after 8 a.m very showery and cool, dark clouds, and little occasional sun; finer after 3 pm, and the rest of the day and evening chiefly fine with some very rocky clouds, and bright sun. — Some little showers during night.
Tuesday, May 6. New moon & Eclipse of sun 9½ morns.	·90 ·87 ·81 ·82	N W 1. W 0. S W 1. Var. 0. N E 1.	41	53	55	Cloudy more or less with little gleams of sun, between 9 & 10 — observed the Eclipse during the greatest obscuration, appearing thus — some very dark clouds at times, but chiefly fine and calm: the wind veering much about. — A portion of clear sky in the North during evening, but dark clouds here & a little wet. —
Wednesday, May 7.	·77 ·72 ·72	N 2. N 1. Var. 0.	39	46	51	Cloudy & cold with light rain at times; the same more or less all day, & but little sun; very gloomy evening and chiefly rainy more or less, and no wind. Damp and gloomy with a very watery sky. —
Thursday, May 8.	·61 ·55 ·57	S E 0. S W 1. SE & SW 1. S E 0.	39	46	55	Very cloudy, dark and damp with rain at times, exceedingly unpleasant & cold for the season. — Became clearer and bright at noon with heavy clouds about, more cloudy again during afternoon but fine. — Black about the S & W, and a great mixture of dark clouds elsewhere. Rainy at 4 & 5 pm, afterwards finer but cloudy. —
Friday, May 9.	·62 ·65 ·65	S E 1. S E 1. S E 0.	42	52	55	Short heavy showers early, black rocky clouds; more electric & warmer: dark clouds with a little hail at noon, had been bright at times, & became so again between 2 & 5 pm, cool breeze and cumuli. Bright evens, sun set in dark blue haze & cloud. Calm night & hazy, but very few clouds.

May 1845.

1845.	Barometer	Wind	Thermometer out of doors: lowest State	9 a.m.	highest State	State of Weather, & clouds.
Saturday, May 10.	29·60 ·62 ·72	Var. 0 S E 1 S E 0 Var 0	42	52	61	Rain early but finer after ☉ rise, very fine with many rocky clouds and sun, chiefly bright during afternoon, less of clouds & gentle wind. — Red evening, and calm. 9 pm Therm 49°. — Far in the N the sky was clear all the evening. —
Sunday, May 11. Whitsunday.	·90 ·98 ·99	N 2 WNW 1 W 1 SW 0	43	52	58	Cloudy but fine, chiefly cloudy but less so during afternoon, and a little sun: more sun after 5 pm, and curdled clouds, calm and pleasant. Therm at 8 pm 49°.
Monday, May 12.	·87 ·85 ·95	WSW 2 W 3 N W 3 N W 3	46	54	62	Little flying showers, many mixed clouds and sun at times. Some black clouds & showers near, and a heavy storm here at 3½ pm, — for a few minutes. — Clearer at 5, 6, & 7 pm, but more stormy at 8 with chilly wind. —
Tuesday. May 13.	30·09 ·19 ·23	NNW 3 NNW 4 N 4	43	52	56	More or less cloudy with little sun, and very brisk & cold wind; a very little rain at times, but chiefly fine. — The evening cloudy, cold and windy, but fine in general. — Night fine, windy and cloudy but clearer after midnight.
Wednesday. May 14.	·36 ·40 ·43	NNE 2 NNE 4 NE 1	45	55	61	Bright sun & cumuli, with some electric ones small & knotty, during the morng very fine day, cumuli and sun with a brisk and cool wind. Clear evening and less wind.
Thursday, May 15.	·38 ·38 ·37	NW 1 NW 2 N 2	42	56	61	Thin clouds, rather close, but fine morng: rather hazy, with many thin clouds and curdled above them, but frequent sun till 1 pm, & very fine, but afterwards very thick and more clouded. — Evening overcast low clouds & misty rain. 8 pm Th 50°.
Friday, May 16.	·39 ·39 ·35	N 2 N 2 Var. 0	45	53	58	Chiefly cloudy more or less, and a very little wetting a time or two, about 10 a.m. continued cloudy but less so, and very fine. 8 pm Therm 53°. Close, calm, and hazy. Warm night. —
Saturday, May 17.	·23 ·23 ·25	NW 2 N 3 N 2	49	53	55	Quite cloudy, and light rain began soon after 7 a.m; very gloomy & sleety showers till 3 pm, afterwards bright with cumuli clouds. Clear evening, and most of the night nearly so. —
Sunday. May 18.	·13 ·08 29·97	NW 3 NW 4 N 2	42	52	55	Many clouds, large cumuli, & sun, with some lower broken & loose clouds; cold wind in sudden gusts but fine till after 1 pm, afterwards more clouded, and little rain at times; fine evening and clearer.
Monday, May 19.	·90 ·87 ·90	NNW 3 NNW 3 NNW 2	40	51	53	Flying shower at 5 a.m, rocky clouds with sun, and cold wind: darker clouds with flying sleety rain at times and very cold for the season. A short shower of large rain at 7 pm, afterwards clearer, and at 8 pm Th 45°. some showers in the night at 10 pm bright rocky clouds very luminous from the moon's beams. —

May 1845.

1845.	Barometer	Wind	Thermometer out of doors: lowest State	9 a.m.	highest State	State of Weather & Clouds.
Tuesday. May 20.	29·94 ·96 ·93	NNE 3 NNE 3 NW 4 (3. 2.)	42	52	57	Flying clouds and sun; beautiful rocky clouds and many thin white cirrostrati lying across them all the forenoon, bright sun between the clouds, and a brisk wind. — Distant showers at noon & 1 pm, a few drops here, afterwards hazy and more cloudy. — Wet evening after 7, and rather more wind, and veering to NW. —
Wednesday. May 21.	·87 ·70 ·67 ·60	NW 3 NW 4 N 5	43	46	48	Cloudy & hazy morng, but clearer Southward, became overcast soon after 9, and continual rain & sometimes hard, through the day: the wind about noon more West & WSW a short time, but chiefly NW. Full moon 4 pm. — Finer after 7 pm, but a storm of rain after 10, afterwards finer. —
Thursday May 22.	·82 ·85 ·88 ·89	N E 3 N E 3 N E 3 N 4	43½	52	58	Flying cumuli and bright sun, a very fine and sunny day with many rocky cumuli, and serrated cirri. — Evening nearly clear till 8 pm, afterwards dark rocky clouds and long cirrostrati from SE and East, sideways to the wind.
Friday, May 23.	·87 ·90 ·93	NNW 3 N 4 NW 2 W 1	44	47	52	Cloudy more or less, and a little rain at times with a cold breeze: after 1 pm continual fast rain with but little intermission till eveng. — Less wind and rather close after 8 pm: — Night finer.
Saturday May 24.	·93 ·95 ·99	Var. 0 S E 1 S E 2 & 1.	45	54	59	Cloudy and very close, clearer after 9 a m for a little while, afterwards very black & rocky with hasty short showers & sun between. Finer afternoon & evening. Sun set in a rocky bank of cloud. clear elsewhere. — Some curdled white clouds in zenith 9 pm. —
Sunday. May 25.	·95 ·92 ·87	S E 1 S E 2 E 1	44	58	63	Thin clouds, rather electric & close, but fair; soon became bright with rocky cumuli, and an electric mixture of clouds, more hazy & cloudy after 4 pm, and in the evening very dark in the S & SE, with undulated clouds, and rain after 8 pm. — Close night & little showers. —
Monday, May 26.	·75 ·83 ·88	SSE 1 S 2 S E 1	48	56	61	Close but fine morng, black and rocky clouds soon followed, with showers & sun between. Some very black clouds southward with distant storms. — Calm & fine evening, and a more settled looking sky. — Some streaks of haze diverging upward from the SW horizon. —
Tuesday, May 27.	·93 ·96 30·00	E 0 ESE 1 ENE 2 E 2	43	58	67	Calm and sunny morng with a bed of curdled cirrocumuli cloud. — A very fine and bright day, warm and growing. Cumuli & cirri clouds, and pleasant breeze. Bright eveng sun set in orange tints: but some clouds very low on horizon. —
Wednesday May 28.	·01 ·02 29·97	ENE 2 E by N 3 ENE 3. —	51	58	64	Very distant thunder & lightning at 2 in the morning. Very electric mixed clouds all the morning, a little rain but chiefly fine. Continued fine till 3 pm, but cloudy and electric. — Rain from 3 till 4 pm, afterwards fine, but cloudy, — continued so all night, — and somewhat foggy. —

MAY 1845.

1845.	Barometer.	Wind.	Out-door Thermometer lowest	9 a.m.	highest	State of Weather, & Clouds.
Thursday, May 29	29·87 ·85 ·81	NE 2. NE 2. N 1.	51	54	54	Very foggy all the morning, and quite overcast all the day with blue haze also: and a very little misling rain in the evening. Cloudy and misling night.
Friday, May 30.	·85 30·02 ·19	NNE 1. NE 2. N 2.	49	56	62	Gentle rain between 5 & 7 a.m., but soon fine and bright. Very fine and clear after 10 a.m., all day. Some electric groups of white dappled clouds Westward & Eastward. and at 5 pm some very distant rocky headed ones in SE. looking thunder-like. Very bright evening and clear sun-set. –
Saturday, May 31.	·28 ·32 ·33	NW 1. Var 0. S E 1. SSE 2.	44	57	70	Thin cloudiness in the morn͞g, but gradually clearer after 9, very fine, bright and hot with cumuli only, and very little wind. After 5pm – more electric, and many rocky headed groups intermixed with barred cirrostrati, and curdled cirrocumuli: – and rather more wind. – Close and cloudy night. –

Results for May 1845. –

Barom.ʳ	Highest on 14ᵗʰ	30·43	Thermom.ʳ	Highest on 31ˢᵗ – 70°
	Lowest on 8ᵗʰ	29·55		Lowest on 7ᵗʰ – 39°
	Range	·88		Range – 31
	Mean of month	29·96		Mean of month – 51·39

Depth of rain 2·95 Inches, and the Evaporation only 2·66. –

The prevalent winds were Northerly, and the number of fine days in this district was 13. –

This month was very cloudy, with chilly winds, and frequent rain so as to yield a very low mean of Temperature, but with us the nights were not very cold, as it was mostly overcast and prevented that radiation whereby frostiness comes on in clear nights. – Hence all vegetation remained uninjured here. In Sussex it was very different, for there the nights were often severe and ungenial. – On the 9ᵗʰ Walton Spire Staffordshire was struck by lightning & beaten down. And on 28ᵗʰ at 1 am Ipswich had a severe tempest, and a policeman on duty was much injured by the lightning.

JUNE 1845.

1844.	Barometer	Wind.	Thermometer out of doors. lowest state	9 a.m.	highest state.	State of Weather. Clouds. &c. –
Sunday, June 1st.	30·30 ·25 ·20	S 1. S W ½. W 0. SSE 1. SE 1.	52	60	67	Close with much thin cirrostrati and haze – the same all day and very close. Nearly calm and more or less hazy and electric looking sky. A little more sun at 5 & 6 pm, and curdled clouds: afterwards more hazy, and close – Therm.ʳ at 8 pm 61°. – Distant lightning low in the West about 8½ & 9 pm. –
Monday, June 2nd.	·13 ·02 29·97 ·95	S W 0. WSW 2. SW 0. S 1.	53	68	77	Very fine, little hazy, and curdled, but sun bright. Clear except linear cirri, and very hot, at 10½ a.m Therm.ʳ 73°; – and between 11 & 12 – stationary at 76° for some time, and soon afterwards at 77°. chiefly bright and very hot, more electric with many mixed clouds after 5pm, – and some very heavy and dark ones SW & NW all the evening. – Therm.ʳ at 8 pm 65°. very close night. –
Tuesday, June 3rd. ☌ ♂ ♄. □ ☿ ♂ & ☿ ♄.	·80 ·71 ·68 ·55	S S E 1. S 2. S W 2.	55	71	78	Very fine morn͞g, beautiful bright, and very hot with electric curdled clouds, and small cumuli. Rocky thunder-clouds collected in the West at noon with much contenual thunder: but the sun was bright till after 1 pm. At 2½ pm very black with vivid lightning and loud thunder very near to us in the West; a short heavy shower or two with more at a distance in the West and much lightning and thunder. – Even͞g fine but rather cloudy. –
Wednesday, June 4. △ ♀ ♂	·60 ·70 ·75	WSW 3. WSW 3. SW 3. 2·1.	50	57	63	Fine & clear morn͞g, but soon squally with thunder-showers, hail & rain, at 11½ a.m, between 12 & 1 pm, & just before 5 pm. Sun at times bright with rocky cumuli. The thunder was near in the first storm, but distant in the others. Another heavy shower at 7 pm, afterwards finer.
Thursday, June 5.	·77 ·77 ·77	SSE 2. S 3. SSW 4. SSW 3.	50	57	67	New moon 1 am. Very close & warm with gentle rain, followed by hasty driving showers till noon finer afternoon, chiefly sun & flying clouds, but many distant showers, & some near; evening fine and sunny with dappled west. Windy & warm night. Therm.ʳ at 8 pm 63°. –
Friday, June 6.	·71 ·83 ·93	SSW 4. SW 4. SW 4. 3 & 2. –	59	64	69	Thin cirrostrati, scuds, & cirrocumuli with a sultry wind & some sun; fine & very warm day and chiefly sun, but windy with flying clouds. Beautiful arcs of dappled cloud all the even͞g, less wind. Therm.ʳ 60° at 8 pm. Fine night.
Saturday, June 7.	30·05 ·01 29·92 ·89	SSW 2. S 3. SSE 3.	54	67	72	Very fine with flying clouds and sun, till noon afterwards a little flying shower or two, but chiefly fine; very hot till after 1 pm, then more clouded; and during evening a stormy sky, heavy black clouds with rain at 8½ pm. Stormy night but not much wet. –
Sunday June 8.	·93 30·01 ·12 ·22	SW 5. SW 5. WSW 2	50	58	59	Windy with flying clouds and sun; some very dark clouds at times, and continued galy but fine except a few drops now and then. Evening clear after 6 pm wind less, and Therm.ʳ risen again. Some cirri and distant scuds.
Monday, June 9. △ ☉ ♄	·43 ·48 ·48	W 1. W 0. WSW 0.	46	64	70	Quite clear, splendid sun-rise, salmon-tinted. Exceedingly fine and chiefly sun, but many cumuli during the afternoon. Very close and hot, very little wind, sometimes none. – Evening beautiful – bright, calm & very warm, Therm.ʳ at 8 pm 62° – no wind.

JUNE 1845.

1845.	Barometer	Wind	Thermometer out of doors: lowest state	9 a m	highest state	State of Weather. Clouds, &c.
Tuesday June 10.	30·51 ·49 ·44	E 0. E 0 ESE 0 & ½. –	49	69	82	Quite clear, and no wind, very bright and very hot; a few very small clouds at times but chiefly very clear, and extremely hot. Therm about noon for a long time stationary at 79°. but at 2pm 80°. and not a leaf moving and between 3 & 4 pm. 82°. Clear & calm evening rosy sun-set. Th 64°. at 8 pm.
Wednesday. June 11.	·41 ·38 ·36	E 0 ENE 2. E 1.	50	70	78	Quite clear, and splendid sun-rise, deep salmon-tinted, no wind in the morng, but more after 10 a m, exceedingly fine, bright & extremely hot: no clouds but strong haze below. – Evening perfectly clear, golden sun-set. – Therm at 8 pm 63°.
Thursday, June 12.	·34 ·37 ·37	ENE 1. E 1. E 1.	53	72	83	Rosy sun-rise – quite clear, but a strong-scented haze below; a few very small clouds at 10, and less haze, very bright & but little wind. – From 11 a m – quite clear, no cloud, and excessively hot. At noon Therm 81°, and from 2 till 3 pm 83°. at 5 pm 76°, and at 8 pm 70°. Quite clear, and the sun set in full splendor. –
Friday. June 13.	·34 ·35 ·35	E 0 ENE 1. & 2. E 1.	57	74	83½	A deep red sun-rise, and thick haze below, so as to render it quite easy to look full at the sun's orb. Continued haze very blue upon the landscape, & strong sulphureous smell in the air. – A few small dapples, but clear, very bright, and excessive hot; less haze, constant bright sun, but during afternoon some small electric clouds in a range rising from ESE, and very distant rocky ones on SE horizon after 4 pm. – Therm at noon 82°. and 83½ soon after 1 & till 3 pm. – 5 pm 76°. & at 8 pm 71°. A beautiful gay mixture of electric clouds rising from SSE all the eveng. Some very distant flashes of lightning in SE during night. –
Saturday, June 14. △☉♂	·30 ·25 ·26	Var. 0 ENE 0 NE 2. & 1. NE 0.	62	69	81	Very distant thunder all the morng in SE. hazy with electric clouds & very close, clearer after 10 – and gradually became quite clear after 1 pm – much dappled as the clouds glided off to SE – quite across the lower current. Very bright and extremely hot, but some strong blue haze below. Clear eveng, sun-set red in thick haze. Th 65°. 8 pm.
Sunday. June 15. ✱♀♃	·23 ·20 ·12	NE 1. ESE 1. SE 0. SE 1.	55	70	76	Clear but hazy with a pale sky & sun red. very close and sultry, continual haze, and dappled sky. more haze above – and very hot with dim sun. Thick belts of haze upward and curdled cirrocumuli all the day, and more so during afternoon. & some very distant thunder. Eveng and night hazy & close. –
Monday, June 16.	·02 ·01 ·00 ·02	SE 1. SE 1. SE 1.	57½	71	81	Much curdled sky & haze, exceedingly close, but fine, became clearer after 10, extremely hot, & close. still very hazy & much dappled, but the sun chiefly visible. The Therm was 81° before noon, and at 7 pm only down to 70°. More dappled and exceedingly close evening. Sun set very red in blue streaks of haze.
Tuesday, June 17.	·02 ·01 ·00	SE 0 SE 1. SE 0.	58	79	86	Clear and extremely hot, rosy sun-rise, and dappled sky. Continued bright and excessively hot with rocky cumuli in electric groups. – The Therm at 10 a m 83°, at 11 a m 85°, at noon 86°. & so till 1 pm, and during afternoon about 84 & 85°. and not under 80 till near 4 pm, at 5 – 78°. at 7 – 73°, and at 8 pm 71°. – Streaks of haze & distant electric clouds. Sun set red and clear, – except a dark cloud below. Very distant lightning westward during night. –

JUNE 1845.

1845.	Barometer	Wind	Thermometer out of doors: lowest state	9 a m	highest state	State of Weather, Clouds, &c.
Wednesday. June 18.	29·92 ·91 ·94 ·98	NE 0. W, WSW 4 W 1.	61	72	76	Exceedingly close & hazy morng, with mixed electric clouds, but clearer after 9 – for a little time, Therm 76 soon after 10 –, but soon fell and continued descending – with dark lowering clouds & very distant Thunder Southward. A dark cirrostratus passed with a little shower at 1 pm – and it quickly became black in SW & W – with a sudden gale a little before 2 followed by flying rain & Th 61° at 3 pm, afterwards 63½ – fine and bright, with less wind. Upper clouds gliding from S, & lower from NW. Bright eveng, some rocky clouds Southward on horizon.
Thursday, June 19.	30·08 ·13 ·19	WNW 2. W 0. NE 1. E 1.	51	68	79	Very clear: and continued bright with cumuli only, and very hot. Very little or no wind, but it veered to East gradually after 3 pm – Clear golden sun-set upper clouds gliding from West, against the lower current. Full moon 11 pm.
Friday, June 20.	·27 ·28 ·30	E 0. ESE 2. E 1.	50	69	74	Quite clear all the morng and very hot, but after 11 – more wind, and many clouds all from West – opposed to the lower current, loose cumuli and woolly cirrostrati, but clearer in the evening, rather hazy and the moon red. – Clear & dewy night.
Saturday June 21.	·29 ·21 ·19 ·21	Var. 0. SE 1. SSE 1.	47	70	79	Very clear & dewy morng, bright and hot as day came on, very little or no wind, and cumuli clouds a few; the heat much increased at noon. Bright eveng, and golden ☉ set, Calm & very pleasant. No dew after midnight but more wind. –
Sunday. June 22.	·12 ·14 ·14	NE 2. E 2. ESE 2. SE 2.	53	67	73	Very fine with cumuli and sun, and very pleasant, more clouded between 9 & 11 a m, afterwards chiefly sun: some electric clouds in cross currents and darker ones during the eveng; all from NW & wind SE: but under the western clouds it was bright about horizon. A shower from NW at 9 pm, but wd SE till about midnight. –
Monday, June 23.	·22 ·26 ·25	NW 2. W 1. W 0. SE 2.	51	63	71	Fine with large cumuli and sun, beautiful afternoon, scarcely any wind, thin clouds and partial sunshine; exceedingly pleasant. Eveng more clouded and wind veered again opposite. Close night.
Tuesday, June 24.	·18 ·01 29·98 ·92	W 1. SW 2. WSW 3. W 3.	54	67	75	Foggy morning but soon clearer, very electric and gay sky, with hot sun; very hot & bright about noon: – very black in the west at 2 pm followed by a heavy thunder-storm, quick lightning & loud Thunder passing hastily to E, and continual Thunder distant for an hour after. And another black cloud very near us, in S, & SE – with incessant thunder very loud, fine eveng with squally wind.
Wednesday, June 25.	·87 ·92 ·96	WNW 3. WNW 4 WNW 1	53	61	68	Windy with heavy rocky clouds – a flying shower of few large drops at times, but sun between. After 1 PM – more sun, & less wind. Evening nearly calm, many clouds of a mixed kind, and sun at times. Fine night, with many clouds, and very little or no dew. –

June 1845.

1845.	Barometer	Wind	Thermometer out of doors: lowest state	9 a.m.	Highest state	State of the Weather, & clouds.
Thursday, June 26.	29·90 ·96 30·02	W. 1. WNW 2. W. 1.	54	65	73	Bright morng, a few small clouds, very fine, sunny and hot day, with cumuli clouds. Sun set nearly clear and very rosy, calm and pleasant eveng. — Some red cirri about. Hazy night, and a very streaky sky.
Friday, June 27.	29·95 ·84 ·70	SSE 1. SSE 2. S 3.	50	59	62	Very hazy and striped undulations in the sky. Rain more or less fast all the forenoon, and till after 1 pm: finer for a while near 2pm. & a little clearer; afterwards clouded and flying rain at times. — Night cloudy, very close and windy.
Saturday. June 28.	·42 ·41 ·60 ·76	S 2. S W 3. W 3. WNW 4. NW 4.	57½	63	69	Very close, rather windy, and frequent flying rain. Clearer with sun & electric clouds about noon — followed by loud thunder in NW, and exceedingly black in the W & NW at 1½ and 2 pm a sudden gale and very heavy driving storm of rain: continued rather rainy till after 3. — Cloudy & windy with blue haze afterwards. — Clear night after 11 pm. —
Sunday, June 29.	30·02 ·06 ·07	WNW 1. W 2. S W 1. SSW 2.	47	61	69	Clear, very fine and cheerful morng. Continued bright with many cirri and cumuli, and a part of a halo at noon, also collapsed cirri in the form of a fish far below the sun tinged with yellow, green, & faint red — just after 12 o'clock. Very bright afternoon, some cumuli, and an abundance of cirri ramifying extensively. Very warm and pleasant. — Calm & close about 6 & 7 pm, afterwards dark & rocky electric clouds Southward, and very distant lightning.
Monday, June 30.	·03 ·00 ·01	SSW 2. S W 2. WSW 1. S W. 1.	52	62	72	Rather lowering with a little light rain in the morng at about 7 & 8: afterwards fair. — Very fine and hot with many mixed electrical clouds, and at sun-set a beautiful bed of them tinted with flame-colour. — Eveng cloudy about the South, but clear in the North. — Night rather close & dappled sky. —

Results for The Month of June 1845, from 3 Daily Observations

Barom.r		Thermom.r	
Highest on 10th	30·51.	Highest on 17th	86°.
Lowest on 28th	29·41	Lowest on the morng of 9th	46°.
Range	1·10	Range	40
Mean of month	30·07	Mean of month	63·39.

Prevailing winds SW, E, & SE. Fine days 23: Rain 1·24 In. and Evaporation 5·06. —

This was the loveliest June for many years, having been very fine and hot, and a genial mixture of showers so as to constitute the most perfect fruitfulness. — A considerable prevalence of Measles among children and some adults all this month throughout the country. — All nature thriving in growth, but garden fruits only a partial crop.

July 1845.

1845	Barometer	Wind	Thermometer out of doors: lowest state	9 am	highest state	State of Weather & Clouds.
Tuesday July 1st.	29·88 ·71 ·76	SSW 2. S W 5. S W 4.	53	62	70	Lowering and close morning, rain from 8 till 11 am, and squally wind, fine and clearer at noon with a blustering warm wind. Bright afternoon with flying cumuli, windy but very warm. — Evening chiefly clear with thin flying clouds passing off. —
Wednesday, July 2nd. * ☿ ♃	·91 30·02 ·01	S W 2. S W 2. S 2.	55	64	72	Cloudy about South, but clear in NW, warm morning, very fine day, rather hazy with light cumuli and sun at times: very close evening and a very little wet at 5 pm, Cloudy in part and sultry night with some very distant lightning. —
Thursday, July 3rd	29·88 ·92 ·88 ·96 ·98	S E 1. S E 3. SSE 5. SSW 4. 3. & 2.	58	77	84	Exceedingly close, with black clouds passing the East at 5. 6. & 7 am, and much lightning and Thunder in them. Very electric curdled & gay, sun bright and excessively hot, by 8 am Therm. 74°. another thunder-storm passing West at 10, again bright, and more curdled, Therm. at 11 am 83°, at noon 84°, and so continued till near 4 pm. — More wind & it blew hot upon the person. Very bright & clouds gone. — 5 pm Th. only down to 80°, at 6 pm 78°, and at 8 pm 74½. A thin dappled cirrostratus in the west, which became flame-coloured at ⊙ set. 10 pm Th. 69.
Friday. July 4.	30·15 ·24 ·28	SSW 1. SSW 2 SSE 2	57	67	72	Cloudy with a little wet at 6 am; soon clearer, and very fine and lovely day, with light clouds, & sun, more electric in the evening, very much dappled with curdled cirrocumuli, and a light breeze. — Therm at 8 pm 64°. — Some red cirrostrati NW. — New moon 4½ pm.
Saturday, July 5.	·34 ·39 ·39	S W ½. S 1. S E 2. S E 1.	55	70	79	Very bright with cumuli only and very hot, continued bright in general, but larger clouds in the afternoon, some cirri in the evening and after ⊙ set all of them very red — of a deep rose colour. —
Sunday, July 6.	·31 ·25 ·21 ·18 ·15	E 2. E 3. E 1 Var. 0. S E 2. wind to SE about 8 pm.	55	69	77	Clear, brisk air from E, no dew, but many cirri and dappled sky after 8 am: very fine, quite clear at times and very hot, the breeze continuing. At 2 & 3 pm — some knotted electric clouds W and N. but very bright. Close evening, exceedingly hot & close, and nearly clear except some electric knotted cumuli Westward. — Therm. 69° at 8 pm. — Very quick flashes of lightning in SSW at 10 pm, and became continual & very sharp all round the West to the North, even till after midnight. — When crossing the west, the storm was very near, and continual loud Thunder. The lightning awfully vivid all night, & incessant most of the time: and the night oppressively hot.
Monday. July 7.	·13 ·14 ·14	S E 1. S 2. SSW 1. S W 1. SSW 0.	65!	79	87	Another severe storm passed across the West at 5 am, much lightning, loud thunder, and a few large drops, the cloud was very near at 5½ am — but passed to N. Many electric clouds & extreme hot and close. Therm. 68½ at 6 am! Much dappled but clear just before 9 am, chiefly bright till noon, with very distant Thunder in SE, and frequent distant thunder all day, most excessively hot but more clouds & haze after noon. Therm. by 10 am 84° and from 11 till near 1, it was fixed at 87°. Numerous electric clouds in knotty forms. Calm & close eveng, exceedingly so. — Therm. 73° at 8 pm. — continual lightning in SE from 9½ pm — all night, and very violent jarring Thunder shaking the windows here although far distant. (Some large drops at 3 pm.) —
Tuesday, July 8.	·10 ·12 ·13	S W 1. S W 3. S W 3. 2 — 1.	61	67	75	Much undulated cloud & haze with a few drops — soon clearer, very fine, flying cumuli, and sun, and a brisk wind during afternoon, but hot. Many cirri & white mottled cirrostrati in the evening. sun bright. — The cirri very red after sun-set.

July 1845.

1845.	Barometer.	Wind.	Thermometer out of Doors. lowest state.	9 a.m.	highest state.	State of Weather, & Clouds.
Wednesday, July 9.	30·11 ·13 ·15 ·13	SW 3. SW 3. SW 1.	55	68	74	Flying clouds, brisk wind, and sun, some rather electric clouds above the lower ones.— Fine and hot, and mostly bright, some large cumuli & woolly cirri.— Evening cloudy & close, less wind, and a little rain after 8 pm, — and gentle showers night.
Thursday, July 10.	29·98 ·94 ·87	SSE 2. SSW 3. SW 2. S 1.	56	59	68	Gentle rain early, and till about 10 a.m. then fine & clearer, low clouds flying, with a little sun, but very hazy: in the evening more so, and dappled upward.— Cloudy and close night.—
Friday, July 11.	·77 ·72 ·80	SW 1. Var 1.– W 1. NW 2. & 3.	57	65	70	Showery at 6 am, fine, clearer, and hot sun with rocky clouds between 8 and 11 am, more electric at noon with showery rain at times, dark clouds, and lightning & Thunder SE & S at a little distance: chiefly showery and at 5pm very black in NW with hard rain all the even{g} from that quarter: abated after 9 pm.
Saturday, July 12.	30·02 ·05 ·14	NW 3. NW 2. WNW 1.	53	57	67	Heavy electric clouds breaking off, some sun: became very fine, chiefly bright sun, and beautiful rocky cumuli, with some interwoven beds of cirrus in varied forms during even{g} especially. Cool night, and chiefly clear.
Sunday, July 13. □♀♃.	·09 ·05 29·99	W 0. SW 0. SW 1.	48	59	66	Clear at 5 am, but soon cloudy in part, fine calm, and very pleasant till after 4 pm, but chiefly cloudy more or less. Low clouds & misling rain for a little time between 4 & 5 pm; afterwards clearer, gay and dappled upward, and rocky clouds at a distance in SW & S.— Close at 9 pm with much dappled cloud.—
Monday, July 14.	·98 30·03 ·09 ·17	WNW 3. WNW 3. NW 1.	55	62	68	Very squally, wind & flying showers with a little sun at times; after 2pm very heavy showers till about 4 pm, afterwards fine, clear evening and golden sunset. A singular effect at 9½pm produced by the opposite rays of the twilight with the moon's beams—rendering shadows each way.
Tuesday, July 15.	·19 ·20 ·20	NW 2. NW 2. NW 1.	48½	59	61	Fleecy clouds and sun, fine morn{g} with a cool breeze. More clouded and cool, but some sun at times, and a pleasant day. Many dense cumulostrati with a few drops, but chiefly fine.— Sun set clear under a dappled cirrostratus which became rosy with setting rays.
Wednesday, July 16.	·15 ·17 ·17	WNW 1. W 2. SW 0. & 1.	49	60	68	Thin clouds, chiefly cirrostrati, and sun at times many clouds now and then, but at other times bright, very fine and pleasant. Very close calm & beautiful evening, rather electric and curdled— Th{r} 60° at 8 pm.—
Thursday, July 17.	·14 ·12 ·15	SW 1. SSW 1. SW 0.	52	62	70	Sun rose red among electric serrated cirrostrati soon overcast & some rain between 7 & 9 a.m; finer & very close all the forenoon, afterwards showery, and at 4½pm an exceedingly heavy shower and some distant thunder after it had passed. Very sultry day, & bright after the storm. Calm & close evening, dappled sky.. Therm{r} 64° at 8pm. Beautiful towering heads of rocky nimbi SE & E after the storm.
Friday, July 18.	·23 ·26 ·27	W 0. W 0.1. E 1. SE 1.	55	65	73	Fine, very close and dappled sky with hot sun, rocky and dark clouds with a shower at 2 pm. Again fine and hot, mixed clouds & sun, more electric and dappled & close evening. Wind to E. & SE after 5pm.— Rosy sun-set.— Great mist on the valleys at 10pm, and moon bright.

July 1845.

1845	Barometer	Wind	Thermometer out of doors, lowest state	9 a.m.	highest state	State of the Weather, clouds, &c.
Saturday, July 19. Full moon 6 a.m.	30·24 ·23 ·23	N 0. NNE 1. N 1.	49	59	65	Thick fog at 3 am, but clear at 5, very fine & yellow sun-rise— but soon cloudy.— More or less cloudy, little sun, and very fine and pleasant day.— Evening clearer, and a yellow ☉ set.— Night cloudy.—
Sunday, July 20.	·21 ·23 ·20 ·15 ·11	N 1. N 2 NW 1.	54	56	60	Very cloudy, and continued so all day, cool breeze, and gentle rain after 1 pm most of the afternoon, and faster during the evening. Very gloomy and unsettled weather.— Heavy rain just before 8 pm— and misling in the night, warmer than the evening.—
Monday, July 21.	·08 ·13 ·12 ·13	ENE 1. E ½. ESE ½. & 0.	55	63	70	Misling and very close, but became fine after 7, clearer & little sun; sultry with low clouds but fine till 2pm, afterwards drizzling at times. Evening still close but finer,—and a dense blue haze over the land.— Th{r} 62° at 8 pm.
Tuesday, July 22.	·12 ·10 ·10	NE 1. NE 2. NE 2.	58	63	70	Thick drizzling all the morn{g} and very close, finer after 9, and a sultry day, low clouds and a little sun; again more cloudy after 5 pm, little wet, and thick haze as last evening but not so close, more wind & rather cooler.—
Wednesday, July 23.	·08 ·10 ·08	NNE 2 NNE 2 NE 1.	55	58	61	Quite clouded and so continued all day a little wind and more drying, but gloomy and cool for the season: closer evening very little wind, and clouds loftier.—
Thursday, July 24.	·08 ·09 ·08 ·08	N 0. NW 0 NNE 0. ENE 1.	53	58	68	Cloudy, and calm; became by degrees much clearer, with fleecy clouds and little sun partially shining— no wind, and exceedingly pleasant.— After 8 pm, lowering with more wind and a little rain in drizzling showers.— Close night.
Friday, July 25.	·13 ·12 ·12	NE 0. Var 0. NW 0. SE 1.	55	60	69	Calm, cloudy and close morning, less cloudy in the day, but very fine, and exceedingly pleasant, and not a leaf moving, sun gleaming in the afternoon. Wind to SE after 6 pm. The clouds chiefly from West in the upper current, & rather from WSW.—
Saturday, July 26.	·12 ·09 ·07 ·09	S 0. SSW 0 SW 0 SW 1=0.	58	63	72	Cloudy very pleasant, close and calm; less cloudy by degrees, sultry and no wind, beautiful day, little sun during the afternoon and at times a very little wind. Close even{g} very dark haze & black clouds but fine— & sun set red. Therm{r} at 9 pm 63°.—
Sunday, July 27.	·02 29·98 ·94	SW 2. SW 3. SW 2.	55	63	69	More or less cloudy with little gleams of sun, more sun after 3 pm, and the clouds more electric. A very dark cloud passed over at 6 pm— with a few drops only.— Evening sunny and rather dappled.— Therm{r} at 8 pm 62°.— A short shower 10 pm.
					N.B.	Very little sun for this week past, but often very pleasant, with a warm and calm state of air.—

July 1845.

1845	Barometer	Wind	Thermometer out of doors: lowest state	9 a.m.	highest state	State of Weather. and Clouds.
Monday. July 28.	29·91 -·85 -·78	Var 0. Var 0. E 2. Var 0.	51	65	72	Clear and very bright morning, no wind. after 9 some very large rocky clouds collected on different tacks; hot sun & no wind, continued so till after 3 pm. A sudden wind from E. and very dark clouds, looking like thunder, and a little very distant heard eastward: some large drops fell at 4 pm followed by a heavy shower, afterwards black in the west, and a very electric sky all the eveng, and quite calm again: the clouds chiefly gliding from SSE.
Tuesday. July 29.	-·70 -·80 -·91	WNW 1. NW 3. W 1. WSW 1.	52	61	67	Clear morng till 7 a.m. then a sudden fog came on with a sulphureous smell. soon clearer. rocky clouds & sun. After 11 a.m. heavy showers about, and some flying ones here about noon and after 2 pm. Very rocky clouds and sun between: much clearer after 3. and very sunny most of the eveng. Trifling shower at 7. Clear night, and wind more to SW.
Wednesday. July 30. 8☿♂	-·95 -·90 -·80	S W 1. S W 2. SSE 4.	47	63	68	Clear bright morning, rather dappled with cirrocumuli, chiefly sun and rocky clouds till noon, afterwards hazy, more clouded, and a little rain in showery flights. Evening squally, low clouds, and wind from SSE, very galy and a little wet. Stormy night.
Thursday, July 31. 8♀♂	-·73 -·74 -·72 -·78	SSE 1. S 2. SW 3. S 4. S 2.	51	64	70	Clear morng, very fine with hot sun and rocky clouds, some little flying showers about, heavier and black rocky clouds after 12 with much thunder Southward, and between 2 and 3 pm a very heavy one passed partly over us with violent snapping Thunder, and vivid lightning, the rain heavy but soon over: and it was very severe about a mile to the East; one awful falling stream of lightning I saw in the East just as it passed us. After the Storm very bright and pleasant with flying cumuli clouds: windy for a while, but a fine sunny evening, and less wind. The sun set in part clear and rather orange-tinted. Some linear cirri across the South. Night clear & fresh breeze. 9 pm Thermr 56°.

Results for July 1845.

Barom.r	Highest on 5th	30·39	Thermom.r	Highest on 7th	87°
	Lowest on 29th	29·70		Lowest on 30th	47°
	Range	0·69		Range	40
	Mean of month	30·05		Mean of month	62·29

Prevailing wind SW. depth of rain 1·83, Evaporation 3·32, fine days 20.

The beginning of this month was chiefly very hot and fine with some violent tempests on 3rd, 6th, and 7th in many parts of our Island. After the 9th day, a changeable state of atmosphere with frequent but trifling rains, ending with a severe thunder storm on 31st. Very little sickness of any kind all the month, and in London the number of deaths was much below the average. The garden fruits late, but chiefly full-ripe by 28th. The flower garden luxuriant. The fields a fair prospect.

August 1845.

1845.	Barometer	Wind	Thermometer out of doors: lowest state	9 a.m.	highest state	State of Weather, and Clouds.
Friday, August 1st.	29·81 -·84 -·84	S 3. SSW 4. SSE 2.	53	65	69	Chiefly clear with flying cumuli and arcs of white haze and cirri; wind very brisk: a flying shower for a minute soon after 1 pm, otherwise a fine day. Much dappled cloud all the evening, lying in Arcs from SW, electric sky & rather close. 9 pm Th.r 58.
Saturday, August 2. □☉♃. △☉♅	-·67 -·52 -·54	SSE 1. SSE 2. S 2.	55	64	65	Close, very warm with exceedingly heavy showers in succession till 2 pm; and much thunder and vivid lightning, mostly Eastward a few miles, and some in SW. It was severe at 2½ pm in SE and East, afterwards finer, rocky towering clouds, and some sun: rain again after 6 pm, and often hard, rainy night.
Sunday, August 3. New moon 7 a.m.	-·76 -·82 -·87	SW 2. SW 3. SW 1.	53	62	69	Cloudy little wetting, but soon fine and clearer flying clouds and bright sun: sunny and warm till after 2 with distant storms, and many clouds, a very black cloud at 3 from SW, followed by a short but heavy shower, and another very heavy one at 6 pm with a squall of wind, evening finer.
Monday, August 4.	-·87 -·88 -·88	SW 2. SW 3. SSW 2.	54	66	71	Bright morning, rather dappled with flying scuds below: frequent flying showers, and hot sun between: much finer after 2 pm, mixed clouds rather electric and very warm; more electric and dappled during eveng, and very sunny and warm. Close night.
Tuesday, August 5.	-·85 -·82 -·84	SSE 2. S E 3. S E 2. S E 0.	56	67	74	Very fine, close & hazy morning, soon clearer, very bright and hot day, rocky cumuli, cirri, and brisk wind, some very distant clouds in SE looking thunder-like at 4 pm, but they glided in a cross current from SW, and lay ESE at 7, and black rocky ones also in WNW. Calm & close night. Th.r 61° at 9½ pm.
Wednesday, August 6. △☿♃	-·90 -·95 -·95	WNW 2. W 3. WSW 3.	58	59	73	Very foggy and little rain about 7, continued fog but fine after 7, soon became clear very sunny and hot with rocky cumuli & brisk wind. Very bright during the afternoon. Evening more clouded, and some dark mottled cirrostrati. Therm.r 65 just before 8 pm.
Thursday August 7.	·88 -·87 -·90	W 1. NW 2. W 2. W 1.	54	66	70	Chiefly clear with some cirri, followed by very rocky cumuli and hot sun: mostly fine till 2 pm, very rocky & black in W and NW. and after 2 pm exceedingly heavy showers with continual distant thunder: the most severe came on just after 5, from NNW, very black and extensive cloud, vivid lightning, and violent thunder, it passed rather eastward of us. Dark blue & red clouds all the evening. All the storms came from about NW.
Friday, August 8 8☉♄	-·95 -·97 -·99	W 2. W 2. WSW 0.	51	61	69	Clear & sunny morng, but soon cloudy for a while; very fine with cumuli, mixed clouds, gentle wind, and sun; very pleasant and drying. Eveng lovely, calm, & warm, with fleecy clouds & orange sun-set. 9 pm Th.r 59°.
Saturday August 9. △♀♃	-·72 -·55 -·52 -·65	SSE 3. S 4. SSW 5. WSW 5.	53	63	70	Galy with rain from 4 a.m, more or less till noon but very warm, clearer after 12, sun & flying clouds: continued so till 4½ pm, afterwards again overcast and wet, and just before 5 pm a squall from WSW, and heavy rain in a driving storm. Evening fine but windy. Windy night, and rain at times.

August 1845.

1845.	Barometer.	Wind.	Thermometer out of doors: lowest early	9 a.m.	highest state	State of Weather, and clouds.
Sunday, August 10.	29·60 -62 -63	WSW 4. W 5. W 4.	52	55	61	Cloudy, cool, & windy with little wet at times, very cloudy all day, and very cool and boisterous, but mostly finer than in the morng; little gleams of sun after 4 pm, but a clouded evening & some wet.
Monday, August 11.	-71 -76 -84	W 3. WNW 3. WNW 1.	54	58	67	Chiefly cloudy more or less, but fine till 11, some sun; black clouds and flying showers about 12, & 1, and during the afternoon frequent light showers, but no great fall. Cloudy night, & little wetting. —
Tuesday, August 12.	-94 30·02 -08	WNW 2. NW 3. NW 1.	55	58	61	Cloudy & some rain at times, chiefly cloudy more or less, a little gleam of sun at 2 pm, Finer and clearer evening, very little wind, and a fine night, chiefly clear, and dewy. —
Wednesday, August 13.	-14 -17 -15	NW 0. NW 1. NW 0.	50	61	64	Clear, very fine, a few small clouds, but after 9 became hazy with cumuli, very fine afternoon, more sun, and fleecy clouds, some of the barred white cirrostratus during the day. Evening dark & hazy soon after 6, and a little wet at 8 pm.
Thursday, August 14.	-08 -00 29·98	W 1. NW 2. NW 1.	53	60	63	Hazy, cloudy & close, but fine morng, clearer and some sun during the forenoon but at noon more clouded, and rainy afternoon, evening finer, but cloudy. Night rainy more or less, but not cold. —
Friday, August 15.	-86 -88 -90	NW 1. NW 3. NNW 1.	52	58	63	Overcast and wet morning, clearer & finer after 10, but continued very showery all the day, with sun at times; overcast in general but some clearer intervals during evening. —
Saturday, August 16.	-92 -99 30·02 -05	NW 2. NW 3. NW 1.	50	55	62	Overcast & drizzling morning but finer & clearer after 11 am, fine afternoon, sun at times, and a drying breeze. — Fine evening with some clouds but more lofty ones. — Very fine night. —
Sunday, August 17.	-04 -01 29·96	W 1. W 1. WSW 0.	49	58	66	Fine morning fleecy clouds & sun, very fine & pleasant day throughout, chiefly sun, but many cumuli & small electric clouds. — Full moon 1¼ pm: — Calm and pleasant evening, blue clouds & rather electric. Sun set very red & beautiful in blue cirrostrati.
Monday, August 18. 8○8.	-90 -88 -85	S 1. SW 2. SW 1. & 0. —	48	63	70	Very fine morning with a curdled sky, some scuds and cumuli after 8 am but very fine and warm day, exceedingly pleasant and a mixture of small bright electric clouds, and sun. Dappled & gay evening, close & calm. Thermr 58 at 9 pm. —
Tuesday, August 19. Lowest Baromr 5¼ pm. ☞	-56 -38 -22 -20 -29	E 1. SE 2. SSE 3. S 3. SW 4. WSW 6, & 7. —	56	60	64	Overcast & drizzling morng. & close air, wind rather ENE, at first, afterwards E to SE, rain almost continual & at times very fast, and from 1 till 3 pm continual hard rain, clearer in the West, but still lowering southward: finer at 4 pm, but after 5, a strong gale from WSW all the evening with flying rain at times. Excessively stormy, and a remarkable contrast to yesterday. — Very windy night, but fine and clearer after 10 pm. —

August 1845.

1845.	Barometer.	Wind.	Thermometer out of doors: lowest early	9 a.m.	highest state	State of Weather, and Clouds.
Wednesday, August 20.	29·56 -68 -82	WSW 6. WSW 6. WSW 5. 4. & 3.	52	58	62	Clear and very windy morning: many clouds soon came on, and a very stormy and blowing day flying showers and some sun, a furious driving storm, soon after 1 pm; and several other less ones after, but finer eveng and rather less wind: clear night and several meteors falling southward. —
Thursday, August 21.	-93 30·05 -12 -16	WSW 3. WSW 3. WSW 1.	49	58	66	Fine but cloudy, soon clearer, sunny and chiefly fine, but several small distant showers in the afternoon, a little rain here 3 pm again fine and sunny, wind abating, & in the evening very little: fine with lighter clouds: clear and dewy night.
Friday, August 22.	-31 -34 -34	WSW 1. W 1. W 0.	48	62	70	Quite clear, very fine, and heavy dew; bright with cumuli clouds, a beautiful day, very bright sun, & small cumuli only, but a few more electric ones at 5 pm & rather of a cirro-cumuli form. — Close evening with cirri, and a train of dark knotty electric clouds gliding from SSW. — Thr 58 at 9 pm.
Saturday, August 23.	-30 -23 -17	SSW 2. SW 2. SSW 1.	49	64	70	Chiefly clear, some haze & thin clouds, but very fine and hot as day opened. Continued very fine and pleasant: hazy more or less, but clear in the West, and arcs of serrated & dappled clouds across the WNW, all the evening. Thermr at 9 pm 58. Still hazy & dappled, but clear upward. A few drops of rain durg night.
Sunday, August 24.	-11 -13 -15	SW 2. W 1. W 0.	53	64	72	Clear, very fine morning, and a most delightfully fine day, clear blue sky, small cumuli, and bright & hot sun. More hazy during evening in diverging streaks from the West over the zenith: rather dappled, and calm. Thermr 60° at 9 pm.
Monday, August 25.	-18 -11 -03	SW 1. SW 2. SSW 3. & 4.	49	66	72	Very fine and bright with cirri & cumuli, more wind during the afternoon, and often in gusts, with some long cirrostratus clouds, very drying & lovely day. — Close evening, warm breeze and some low cirrostrati. Thermr 62° at 9 pm. —
Tuesday, August 26.	-00 -02 -12	SW 2. WSW 4. W 5. WNW 1.	54½	66	69	Clear & very fine morning followed by scuds cumuli and gusts of wind but mostly sun & fine till 1 pm, some distant showers and a sudden driving shower here at 2 pm, afterwards again bright & very fine: evening and night clear.
Wednesday, August 27.	-17 -24 -28	NW 2. NW 4. NNW 4.	51	63	67	Clear morning, thin clouds followed & more wind, continued fine and sun at times but many clouds & brisk wind. Lower ones flying from N. all the evening, but clearer in the night at times.
Thursday, August 28.	-35 -42 -46	NNE 3. NE 3. NE 2.	54	64	69	Some low clouds at 6 & 7 with a very little rain, but clear about the East, and quite so here after 8 am flying cumuli and sun: a very fine bright and drying day, small cumuli, and brisk wind. — Evening cloudy low and thin vapour but very fine, and Barom. still rising much: wind brisk but less so. — The Corn harvest proceeding well all these last 7 days. —

August 1845.

1845.	Barometer	Wind.	Thermometer out of door: lowest state	9 a.m.	highest state	State of the Weather, Clouds, &c.
Friday. August 29.	30·47 ·45 ·43 ·45	NNE 3. NE 3. NE 2. v 1.	52	60	68	Low clouds early but soon clear. very fine and bright, continued quite clear, very hot sun, and cool breeze. Sun-set brilliant golden tint and some linear & collapsed cirri gilt across the west; a very bright evens, but after ⊙ set, some scuds come over.
Saturday. August 30.	·45 ·45 ·47	NNE 2. NE 1 NE 1.	51	59	70	Cloudy at first but soon clear; very fine quite clear, and hot with less wind. A long train of cirri in NW 3 pm. and much cirri about all the evening, with streaky haze westward, at sun-set it became a most splendid sheet of deep rose-colour and crimson. Clear star-light at 9 pm. Therm 54°, afterwards fog.
Sunday, August 31.	·46 ·45 ·45	NE 1. NE 1. NE 2.	51	62	74	Cleared off from thick fog at 8 am, and became very bright exceedingly fine all day sun bright and hot: a few cumuli in the afternoon, and cirri in the evening. Sun set clear, rather more wind soon followed by return of the fog. Close night. Therm 58 at 9 pm.

Results for the Month of August 1845.

Barom:			Thermom:		
	Highest on 29 & 30th	30·47		Highest on 5th & 31st	74
	Lowest on 19th	29·20		Lowest on the mornings of 18th & 22nd	48
	Range	1·27		Range	26
	Mean of month	29·98		Mean of Month	59·99

Prevailing winds between SW & NW, depth of rain 3·32, evaporation 3·12 — fine days 16 — in number

This month was remarkably unsettled cool & rainy to the 21st day with but little exception. The general gloom which pervaded the sky so kept the moisture upon the surface as to bring on an alarming murrain upon the Potatoes, and above ¾ of the Crop was thereby destroyed by it in all England alike, except the Northern counties. The leaves & stems began to shew the awful disease early in this month & before its close the whole crop appeared as if completely seared. Corn harvest was late, commencing about the 14th, but more generally about 22nd, and after that a very fine time occurred for it. The Wheat was much hurt during its blossom & a deficient set of grains was the consequence in each ear, & in many to a serious extent. Quality & yield but indifferent.

September 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest state	9 a.m.	highest state	State of Weather, Clouds, &c.
Monday, Septr 1st.	30·43 ·42 ·40 ·41	NE 2. NE 2. NE 2.	54	60	71	Foggy with a warm breeze but clearer after 8 am. very fine, and very bright hot sun, and a fresh breeze, with small cumuli clouds. Lower clouds returned in the evening with some fog. Close night. New moon at 9½ pm.
Tuesday. Septr 2.	·36 ·33 ·34	NE 1. NE 2 NE 2.	54	60	67	Close, with lowering clouds & sun, more or less so all day, but very fine and pleasant. Many clouds during the evening, and very dark ones, rather electric, and close, but very fine, and clearer during night.
Wednesday, Septr 3. △⊙♃	·37 ·35 ·36	NE 1. NE 2 NE 1.	50	58	62	Light clouds & sun, very fine but more clouded during the afternoon, although it was clear at a distance eastward. Evening quite clear, stars bright, and but very little wind. 9 pm Th 50°.
Thursday. Septr 4.	·35 ·35 ·35	NE 1. NE 1. NE 1.	44	56	62	Clear & cold morng before ⊙ rise, became hazy & cloudy, but warmer, again very cloudy at times, and a very little rain at 1 pm: More sun at 4 pm, but a cloudy evening. Therm 53° at 9 pm. Clearer during night.
Friday. Septr 5.	·30 ·32 ·30 ·31	NE 2. NE 3. NE 2.	47	55	58	Cloudy more or less, but fine, continued very cloudy with more wind, and cold for the season: no sun all this day, yet continual fine harvest weather. Evening cloudy.
Saturday. Septr 6. △♀♄	·35 ·34 ·34	E 2. E 3. E 1.	50	60	65	Clear, very fine, rosy sun-rise; a few cumuli clouds followed, but very fine and bright with a cool breeze. Brilliant yellow sun-set, and very clear evening, the stars very bright.
Sunday Septr 7.	·31 ·33 ·32	ENE 3. E 3. E 1.	47	62	69	Very clear a few small scuds only in the morning, afterwards quite clear & not one cloud the whole day; hot sun & cool wind, very parching. Clear orange ⊙ set, and very bright star-light evens. Th 53° at 8 pm.
Monday, Septr 8.	·27 ·29 ·27 ·29	Var. 0. E 0. ESE ½. ESE 0.	48	62	76	Thick fog all the morning, became clear at 9 am, exceedingly fine, clear & very hot, with but very little or no wind, a lofty train of cirrus during afternoon, but no other clouds; Eveng a little hazy & streaky vapour lying in lines from S to N. 8 pm Th 58°. red west.
Tuesday, Septr 9. {☽ first 2r at 5¼ AM}	·25 ·20 ·20 ·18	Var. 0 SSE 1. SW 1. SW 1. 4 0.	44	64	76½	Thick fog below, but clear upward, fog gone by 7 am. very bright sun all day, and very hot, with very gentle wind. Thermometer between 76 and 77° for an hour & half after 1 pm, and in the dark shade of trees in the garden from 75° to 76° - till the afternoon, at 5 pm 70°. & at 8 pm 60°. Purest golden sun-set, & lovely evening, no cloud & no wind.

September 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest State	9 a.m.	highest State	State of the Weather & Clouds.
Wednesday Septr. 10.	30·20 ·25 ·28	Var. 0. N E. 2 N E. 2	50	61	67	Thick blue haze all the morning, and very close & sultry, a little misling at 8 a.m. afterwards clearer, very fine and close, lowering clouds & little sun at 11. 12. & 1, but more clouded from 2 pm. and a cooler breeze followed by a little misling at 6. 7. & 8 pm.
Thursday Septr. 11.	·23 ·17 ·18	N E. 2 E 2. E 2.	52	57	62	Quite clouded but fine; more or less cloudy all day & at times a very little wetting, but chiefly fine. – Rather clearer in the evening, clouds loftier, and the breeze continuing, Thermr. 59° at 8½ pm. –
Friday. Septr. 12. △♀♂	·13 ·15 ·16	E 2. E 2. E 1.	50	63	70	Bright & warm morng, with light cumuli; continued very fine, clear and hot with small cumuli & pleasant breeze. Beautiful evening, moon brilliant & no cloud. 8½ pm Thermr. 52°. –
Saturday. Septr. 13.	·12 ·07 29·99	E S E. 1 E S E. 1 S E. 1.	46	62	71	Exceedingly fine, and chiefly very bright with light cumuli, and very hot in the middle of the day. Evening beautiful, the moon very bright & no cloud. Thermr at 9 pm 53°. –
Sunday. Septr. 14.	·76 ·69 ·65 ·62 ·63	S 1. S W 2. S W 1. Var. 0. S W. 2 Var. 0. –	51	60	67	Cloudy, close, and dark all the forenoon and a little showery rain at times, clearer at noon, and more electric, knotty & dappled with bright sun & very warm; continued so till 3pm. afterwards darker clouds – with a little shower, & after it had passed Eastward the cloud increased with much thunder there, some of it very loud & lightning visible. Again bright till after 5; but at 6 pm very black westward with awful lightning & sharp thunder – & more also in N.W. – A heavy Storm with hail at 6½ pm – afterwards continual lightning & thunder all the eveng in the N. and very severe – with great blackness. – 8 pm Therm 53°. many electric clouds passing, & distant lightning which continued most of the night. & moon bright.
Monday. Septr. 15. Full moon 10 pm.	·56 ·59 ·61 ·72	S E. 0. E ½. N 1. N W. 1. W 1.	42	53	59	Very cool & dewy, but soon very hazy & thick, and mostly clouded and dark through the day, and soon after 1 pm, very black in SE with very severe curved lightning and loud thunder there all the afternoon, a heavy storm about 7 miles off, but fine here: evening rather clearer, and the tempest gone, but still hazy. Thr 8 pm 52°.
Tuesday. Septr. 16.	·85 ·81 ·63	S S W. 1. S S W 2. S E 2.	46	61	63	Very fine morng, sunny and hot with small electric dappled clouds till after 10, then more hazy, and after 12 very dark and thick with a very little wetting at times. Rain increased from 2½ pm, more or less rainy all the eveng & most of the night. Thermr rose after 8 pm & continued rising all night.
Wednesday Septr. 17.	·63 ·58 ·56 ·58	S W 3. S W 5. S W 4. –	55	64	66	Very close & sultry with rain at times, more wind but very warm, yet chiefly rainy in light flying showers, little sun at times, Fine & clearer after 3 pm. Windy but very warm eveng, clouds flying, Thermr at 8½ pm 62°. –

September 1845.

1845.	Barometer	Wind.	Thermometer lowest state	9 a.m.	highest state	State of the Weather, & Clouds.
Thursday Septr. 18.	29·54 ·42 ·56	S W 4. S W 6. S W 4.	57	63	66	Very stormy and blowing day, flying clouds and sun, with driving showers, but very warm; evening finer and less wind: many clouds – but stars visible, and a fine night. –
Friday Septr. 19.	·72 ·91 30·09	S W 4. W S W 4. W 4. 3 & 2. –	50	57	62	Clear fine & windy morning: very fine, clear and drying day, some small cumuli, and bright sun; clear golden sun-set, and a very clear moon-light evening, and very clear and dewy night.
Saturday Septr. 20.	·13 ·08 29·97	S S E 1. S S E 4. S E 4. S E 4.	42	57	64	Clear morng, & much dew, chiefly sun and pleasant till 12, afterwards more clouds and wind. Hazy afternoon & cooler wind with some mottled cirrostrati. Hazy eveng, & some dark lumpy clouds, rather windy but not so cool, Thermomr 9 pm 56° & rising.
Sunday. Septr. 21.	·78 ·69 ·58	S E 2. S E 4. S 2.	55	61	64	Some rain early, but a fine morning, mixed clouds and sun; hazy with many dark clouds followed by rain between 2 and 4 pm, afterwards finer and clearer, but after 8 pm a hasty storm of rain with very brilliant lightning and loud thunder – passing to N, & lightened in North for some time after. –
Monday. Septr. 22.	·71 ·95 30·08	W 3. W 4. 3. W 1. Var 0. –	51	56	62½	Showery before day-light: and a cloudy morng, but fine, clearer at 1 pm, and less wind, chiefly fine and sunny in the afternoon, clouds rather electric, and some large drops fell at 3 pm from a dense cumulostratus; calm eveng & night rather curdled sky. Thermr 52° at 9 pm. Mist on the vales.
Tuesday Septr. 23.	·17 ·28 ·37	N W 1. N N E 1 N E 1.	44	53	59	Fine with grey mixed clouds and sun, rather hazy at times, but continued fine, and chiefly sunny; evening clear and very cool, stars bright, Thermr 44° at 8 pm: – Autumnal Equinox.
Wednesday Septr. 24	·35 ·32 ·29	N W 0. N W 1. & 0. S E 1.	37	53	60	Hoar frost early, very clear, continued very fine and quite clear, and scarcely any wind. – Wind veered about at 4 pm, some cirri during eveng tinged red. Clear star-light and Thermr at 8½ pm 44°. –
Thursday Septr. 25.	·08 29·88 ·88	S S E 3 S S E 4. S 1.	42	56	57	Hazy with many mottled & dappled clouds, some very thick clouds, and more wind, and very cool for a Southerly one; but much warmer to the feelings after 3 pm, rather clearer, and less wind, rather electric with a gay sky. – Thermr highest about 5 pm. – Eveng hazy & but little wind. 8 pm 55°. –
Friday. Septr. 26.	·82 ·95 30·02	N W 1. N W 1. N W 2.	48	60	67	Fine but hazy all the morning, soon very clear and a very bright day, exceedingly fine and beautiful, hot sun, and cumuli clouds, a few small distant showers at 4 pm – fine & starlight evening: Thr 50° at 7½ pm. –
Saturday. Septr. 27.	·04 29·92 ·85 ·88	S W 2. S W 4. S W 4.	45	52	60	Very hazy and windy during the forenoon, and blue vapour below. Flying light rain at times during afternoon, finer evening and very warm. Thermr 60° at 8 pm – the highest for the day. – Stars partly visible, with some dark undulated clouds. –

September 1845.

1845.	Barometer	Wind.	Thermometer out of doors lowest state	9 a.m.	highest state	State of the Weather, & Clouds.
Sunday Septr. 28.	29·98 ·99 30·02	S W 3. W S W 2. W 1. W 1.	49	57	64	Clear with brisk wind: thin clouds and more wind for a while, little flying showers at a distance at 1 & 2 pm, and a few drops here: afterwards bright with gentle wind and some small cumuli. Clear and starlight eveng, Thermr 50 at 9 pm. —
Monday, Septr. 29.	·07 ·02 29·94	W S W 1. W S W 3. S W 2.	45	56	60	Very fine and clear, some cirri followed by cumuli and cirrocumuli dappled the sky at noon. — More hazy in the afternoon, & a close and cloudy evening, Thermr 51° at 9 pm. Cloudy night.
Tuesday, Septr. 30.	·85 ·86 ·83 ·85	S W 1. S W 3. S W 2.	47	56	64	Hazy morng, & cloudy till 10, but cleared in N W, and became bright after 11am — some electric dappled clouds, with cumuli below them, but very fine, bright and warm; A hasty shower at 6 pm, afterwards clear with a soft breeze. Thermr 53° at 8 pm.

Results for September 1845.

Baromr.	Highest on 1st —	30·43.
	Lowest on 18th —	29·42.
	Range —	1·01
	Mean of the month	30·05

Thermomr.	Highest on 9th	76½
	Lowest on 24th	37
	Range	39½
	Mean of month	56·38

Prevailing winds - SW. and NE. rain 1·27, evaporation 2·15, and fine days 23 in number.

This month was very fine and summer-like up to the 14th day, and yielding a favourable time for harvest which was well got in here, and in the South. — A stormy and unsettled period during the latter half of the month, yet with us the rain was but trifling, and many very clear and fine days intervened. — The apples are small and rather specked, and but a partial crop; pears more abundant; but of the Potatoes no better conclusions upon them can be drawn than in previous report of last month: — their price per sack even from 10 to 16 shillings, and in some places higher! Scarletina among children very prevalent in large towns, and in the populous villages, and several fatal cases. —

October 1845.

1845.	Barometer	Wind.	Thermometer out of doors lowest state	8 a.m.	highest state	State of the Weather, & Clouds.
Wednesday Octr. 1st. New moon 11am.	30·07 ·03 ·01	W S W 2. S W 2. S W 2.	44	50	62	Clear morning, and a very fine and pleasant day, bright sun, cirri & cumuli. Warm and beautiful afternoon. A fine coloured halo about noon. Cloudy eveng and very close. Thermr 53° at 8 pm. —
Thursday Octr. 2nd.	29·88 ·90 ·88	S W 2. S W 2. S S W 1.	50	60	66	Close with a little wet early, but soon fine, cloudy and hot, sun at times, very pleasant. Evening very warm & close, exceedingly pleasant and summer-like. — Thermomr out doors 8 pm 61°! and only 1 lower all night. A shower at 9½ pm.
Friday. Octr. 3rd.	·78 ·70 ·67	S S W 1. S S E 2. S S E 2.	60	62	66	Exceedingly close & sultry, but a fine morng, more overcast with showery rain after 10 & till 1 pm, became fair & more sun at 2 pm, very gay and electric sky. the Thermr as high as 64 during the rain, and for a long time pm - stationary at 65°; afterwards 66°; fell but little all the eveng; and at 8 pm 64°! Remarkable sultry heat, dark rocky clouds & crimson west at sun-set.
Saturday, Octr. 4.	·74 ·72 ·70	S W 1. S W 2. S W 4.	51	56	65	Chiefly clear with finely dappled sky, cumuli followed, but very fine and sunny, and unusually warm. Exceedingly pleasant in the afternoon; dark clouds in the evening and more wind. — 8 pm Thermr 56°. not so sultry as the previous. —
Sunday, Octr. 5.	30·01 ·10 ·13	N W 3. N W 2. N W 0.	50	50	60	Very fine and sunny with much cirrus and cumuli below the cirri; gentle and drying breeze: clear & calm evening, the stars very bright, and much colder. Thr at 8 pm 45°. — Night clear & frost. —
Monday, Octr. 6.	·07 29·85 ·71	Var. 0. E S E 2. E 3. E N E 5.	35	40	56	Very white frost & no wind, but soon cloudy at times & a brisk wind from Eastward — fine & drying till after 3 pm, cumuli, mixed clouds and sun: more hazy with a little rain at 4 pm. very wet eveng, and during night some heavy rain. 8 pm Thr 50° & had been 49°.
Tuesday, Octr. 7.	·50 ·61 ·67	Var. 0. S W 3. S W 1. & 0.	50	55 to 56	56	Very heavy rain at times, and almost continual till 8 am; a little wet at times till noon, but a fine afternoon and in part much clearer, fleecy clouds and sun; warmest at 8 am, and soon after, but during afternoon about 52°. Eveng calm & mild - with grey clouds - Thr 49 at 8 pm - nearly clear. —
Wednesday, Octr. 8.	·63 ·57 ·47 ·45	S S E 0. S E 1. S E 0.	40	46	57	Clear above and blue haze below, some electric mixed clouds: and little sun, more cloudy at 2 & 3 pm, afterwards bright with loose cumuli: eveng clear above but an arc of dappled cloud rising from SW. and Thr 48° at 8 pm: a little shower about midnight. —
Thursday, Octr. 9.	·47 ·49 ·49	S W 0. S S E 1. S S E 1. S 0.	44	47	57	Chiefly clear, some cirri, and white cirro-strati. — very bright morng till near 11, afterwards very hazy & thick, and became very dark in SW, with rain and chiefly hard from 3 till after 5. Evening finer and in part clear. 8 pm 47°.

October 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest state	8 a.m.	highest state	State of the weather, Clouds, &c.
Friday, Octr. 10.	29·61 ·63 ·65	SSE 1 SSE 3 SE 1	42	47	56	Fine morng, chiefly sun with light cirri and cirrostrati. — plumose cirri, and cumuli during the forenoon: continued mostly bright with loose cumuli & brisk wind. Evening clear & pleasant, moon bright, and very little wind. 8pm Thr 47°. —
Saturday, Octr. 11.	·58 ·68 ·89	S 0 S 0 Var 0 NW 1 & 0.	44	51	54	Continual hard rain all the morng till near 11 am, afterwards rainy but not so heavy, till it cleared about 4 pm – fine evening and some sun. – 8pm a dappled cloud passed off to SE, and left the moon very bright, and Thermr 47°. —
Sunday, Octr. 12.	30·11 ·22 ·32	WNW 0 WNW 0 NW 0	39	44	58	Clear and cold morning, a very fine and pleasant day, very bright sun, small cumuli and no wind – most of the day, but a little perceptible soon after 4pm for a while. – Clear moon-light evening, then streaks of haze, & on the vale much fog. Thermr at 8pm 44°. —
Monday, Octr. 13.	·40 ·48 ·53	S 1 S 2 SSE 2	40	49	64	Hazy streaks of cloud from Southward, but very fine morng: clearer & very warm: cumuli at noon & till 2pm – afterwards quite clear, exceedingly fine and beautiful. Eveng lovely clear golden sun-set & a warm breeze. Thermr at 8pm 52° out-doors. —
Tuesday, Octr. 14.	·55 ·59 ·55	SE 1 SE 3 SE 3	48	52	63½	Quite clear & lovely morng, golden East, and a belt of purple & rose tint round West, a very fine and beautiful day, no cloud, very clear and warm sun, with a very drying breeze. a distant line of plane cirrostrati in West. Bright moon-light eve. Thr 9pm 52°.
Wednesday, Octr. 15. Full moon 10a.m.	·40 ·27 ·22	SE 3 SSE 2 SSE 1 S 1	49	52	64	Distant electric clouds about West, & spongy cirri upward, rather dappled but very fine & bright: – continued exceedingly fine, and hot, chiefly bright sun, with dappled arcs of cloud & more electric about the West, with some distant dark clouds looking like Thunder. Close eveng, and very gay & dappled. Thermr at 8pm 53½. – Dark clouds & short shower 9½ pm.
Thursday, Octr. 16.	·17 ·23 ·25 ·28	WNW 2 NW 2 NW 0 SSW 1	51	54	62	Hazy & electric, wind veered about, but very fine and getting clear again: exceedingly fine bright and pleasant with very little light clouds: chiefly cirri. – Eveng quite clear, Thermr 8pm 47°. — at 9pm wd to SSW 1.
Friday, Octr. 17.	·23 ·14 ·10	SW 1 SW 3 SW 5 6 & 7.	43	46	59	Hazy and cloudy more or less, and more wind as the day advanced, a few drops of rain at 4pm, and more wind. Cloudy eveng and wind boisterous & warm, 8pm Thr 57°. and soon after at 59°! very windy warm and electric. –
Saturday, Octr. 18.	·19 ·19 ·23	W 5 W 5 W 5	53	58	60	Very fine, warm and electric, the sky beautifully dappled & scuds below – windy but less so than during night. Very fine, & chiefly sunny: some cirri & thin clouds. Eveng cloudy & very mild with continued wind. Thermr at 8pm 57°! ☞ This has been a most delightful week – and a charming seed-time. —

October 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest state	8 a.m.	highest state	State of the Weather, Clouds, &c.
Sunday, Octr. 19.	30·37 ·33 ·25	WSW 1 W 3 W 5	53	58	61	Very close & hazy morng, a very little misling at 8 am – soon clearer & very warm; but after 10 – again cloudy more or less, and hard rain for ½ an hour about 1½pm, afterwards fine, much cirrostratus & a little sun. – Red west at sun set: windy & warm eve – Thr 56° at 8pm
Monday Octr. 20. △ ⊙ ♂.	·12 ·12 ·18	SW 4 W 4 WNW 6 WNW 6	52½	56	58	Cloudy, dark, and very close, but fine till after 10 am: – light flying rain at 11, afterwards clearer with sun & flying cumuli. – very clear all the afternoon, and a strong drying wind. – Roads very dusty. – Windy eveng, & chiefly clear. Thr 8pm 48°.
Tuesday, Octr. 21.	·31 ·40 ·43	W 4 NW 4 NW 1	41	45	56	Exceedingly fine, & very clear, with a parching wind. Some cumuli in the afternoon but still very fine & sun chiefly shining. Clear evening, wind less; 8pm Thermr 44°. Some cirrostrati all the eveng in parallel bars about the WNW. Cloudy at 10pm.
Wednesday Octr. 22.	·45 ·51 ·57	NW 1 NW 1 NW 0	43	49	56	Lofty grey clouds – but thin & light. very fine and pleasant: continued very fine and nearly calm, with very little sun, but extremely pleasant. Eveng cloudy, calm and very mild. Thr 48 at 8pm. —
Thursday, Octr. 23.	·61 ·63 ·60 ·63	W 0 W 0 W 0	47	49	53	Grey cloudiness, sometimes shades of blue & grey in regular stripes, & very lofty. – Exceedingly fine, and very little or no wind: – gradually clearer after 4pm – evening quite clear Thermr 43° at 8pm – Clear & calm night.
Friday, Octr. 24. △ ☿ ♂	·53 ·45 ·34	SW 0 SW 1 SE 0	35	39	54	Very white frost, clear & calm. Very fine & sunny day, and very little wind: sometimes none. Sun red red in haze, but no cloud. Evening quite clear. Thermr 43° at 8pm. — Night clear & calm. —
Saturday Octr. 25.	·26 ·34 ·45	WNW 1 WNW 1 Var 0	35½	41	55	White frost & much haze but clear upward exceedingly fine and at times bright, but often thick haziness, and very little wind: Evening quite clear and calm, Thermr 40° at 8pm. – Clear & very cold night. –
Sunday, Octr. 26. ✳ ♀ ♄	·42 ·33 ·31	NW 0 W 1 W 2	33	36	51	Sharp frost but hazy, clearer a while, fog at 8½ am, again clear & bright but soon very hazy, with much mottled cloud. Eveng clearer at 7, but clouded over at 8pm, & Thr 40° just before, and became cloudy & so continued all night. –
Monday Octr. 27.	·16 ·17 ·15 ·17	SW 3 W 5 W 5 3. 2.	40	47	54	Hazy, cloudy & windy, but milder than the day preceding: – more wind – streaky clouds and little dim sun, still very fine and drying: dappled at times, and clearer in the eveng, but windy and much cirrostratus. 8pm Thermr 48°. Close night.
Tuesday, Octr. 28. ☍ ⊙ ♃ ☍ ☿ ♃	·15 ·18 ·19	W 2 W 2 W 0	47	52	62	Little haze but clear & fine. many light cirrostrati after 7 and till 9 – then bright with woolly elliptical cirrostrati & cirri. — Exceedingly fine, warm & sunny. Some cumuli in the afternoon, but bright and very warm. Eveng overcast and close nearly calm & Thermr 53° at ¼ before 9pm!

October 1845.

1845	Barometer	Wind	Thermometer out of doors: lowest state	8 a.m.	highest state	State of Weather & Clouds.
Wednesday. Octr. 29.	30·73 ·10 ·02	SSE 0. SSE 2 & 3. SE 3.	49	53	57	Cloudy but lofty, and very close & calm morning, more wind after 9, and clearer; very fine with a parching breeze, and mostly bright, some dappled lines of cloud; and light cirrostrati in silvery stripes. Clear evens & colder. Th 8 pm 49°.–
Thursday Octr. 30. New moon 11½ pm.–	·00 ·08 ·17	SSW 1. SW 1. SW 0. Var 0.	45	53	66	Light clouds, and rather a red East in the morning; soon quite clear except small & white electric clouds.– Exceedingly fine, and hot with brilliant sun, & soft air: unusually summer like. More clouded & close after 4 pm, very close & calm evens, The Thermr all the afternoon from 64° to 66°, but mostly at 65°; at 5 pm 61°, & at 8 pm 56°.– This is the warmest day I ever noted so late in autumn.–
Friday. Octr. 31.	·26 ·31 ·32	Var 0. NW 0. NW 0.	50	53	58	Remarkably close, calm & pleasant, the morns clouded but became gradually clearer all the forenoon, bright at noon with very light clouds. Very sunny & pleasant all the afternoon. Evening clear, stars very bright, and much colder, Thermr at 9 pm 42°.– Night clear above fog below.–

Results for the month of October 1845.

Baromr.: Highest on 23d 30·63; Lowest on 8th 29·45; Range 1·18; Mean of month 30·108!

Thermomr.: Highest on 2nd, 3d, & 30th 66°; Lowest on 26th 33; Range 33; Mean of month* 52·104.

* A high mean for October.–

Prevailing winds W & SW. Rain 1·94: Evaporation 1·69: and fine days 26 in number.–

This month especially after the 11th day was a most delightful, fine, dry & warm time, even beyond what is usual at this season, with brilliant summer-like skies, hot sun, and parching breezes; even so that the roads were constantly dusty, and the fields and foot-paths beautifully clean & hard for the observer to take his walks amid the rich pictures painted by the hand of Autumn! Not much sickness – but a very fine seed-time, although in some instances the land was too hard for being operated upon.–

November 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest state	8 a.m.	highest state	State of Weather, & Clouds.–
Saturday, Novr. 1st.	30·30 ·28 ·29	NW 0. NW 0. Var. 0.	34	36	55	Clear above fog below, & hoar frost, much colder & a sudden change after recent warmth very bright and calm – fog gone: exceedingly fine, very bright & warm sun, & no wind – remarkably pleasant, field-paths clean, and roads dusty. Sun set red in haze, and the evening foggy at times. Thermr. 40 at 8 pm.–
Sunday, Novr. 2nd.	·32 ·36 ·41	N E 0. N E 2 E 0.	35	40	51	Some fog & frost early, but after sun-rise – mild & thin cloudiness, continued cloudy but very fine and little sun-gleams: Clearer just before ☉ set, but a clouded evening, and exceedingly pleasant, and no wind. Th 43° at 8 pm.–
Monday, Novr. 3rd.	·45 ·46 ·48	E 0. ESE 1. SE 1. SE 0.	43	47	57	Very fine with lofty grey clouds & sun: less of clouds very bright sun, & light cirri, with a very gentle wind: exceedingly fine & unusually pleasant & warm. – Very red cirrostrati about setting sun. Evening clear, & cold: Thermr 38° at 8½ pm.–
Tuesday, Novr. 4.	·40 ·30 ·22	S E 0. S E 2. S E 2.	28	31	54½	Very sharp white frost and quite clear, deep tints of rose & purple about West horizon, very bright all day & no cloud. Very warm in the middle of the day, and delightfully pleasant. Clear evens but a little more wind at 8 pm & less cold. Thermr had been 40°, but now rising. – Afterwards again colder.
Wednesday, Novr. 5. □☉♄	·02 29·98 ·94	S E 2. S E 3. S E 5.	35	40	54	White frost but not so sharp, very bright all day, light scuds at a distance, and more wind, still increasing in the evening, but clear and milder, Thermr 48° at 8 pm, some meteors, & white hazy streak of cloud lying with the wind across the zenith. Night warmer than of late.–
Thursday Novr. 6. * ☿ 4	·87 ·81 ·64	SSE 3. S E 3. S E 5.	47	51	58	Very fine & much warmer, chiefly sun, and beautifully dappled sky, unusually fine, dry & pleasant. Warm & windy evening, with a gay, mottled & streaked sky, Thermr 53° at 8 pm – but had been 50 just before. a little rain 9 & 10 pm. – Th 55.–
Friday, Novr. 7.	·66 ·76 ·74 ·75	S E 3. S E 4. S E 5.	50	52	57	Close with a warm breeze, very fine and pleasant, drying wind and sun with distant stormy looking clouds in SSE, more hazy in the afternoon but fine. – Windy & warm evens, mottled clouds & a few drops, 8 pm Thermr 54°. – Close night.–
Saturday, Novr. 8.	·67 ·67 ·68	SSE 3. SSE 3. SSE 2.	51	53	59	Very mild with much red & yellow cirri, and cirrostrati at 7 & 8 am, cloudy but thin, and very fine & pleasant. At times hazy & more clouded between 10 & 11, and 2 & 3 pm, with a few drops. Again clearer & very warm & fine. Evens close & curdled, 8 pm Th 54°.
Sunday, Novr. 9.	·72 ·72 ·73	SSE 1. S E 1. S E 1.	48	51	59	Very fine with cirri clouds & sun, some low clouds during forenoon, but a very bright & lovely afternoon, & exceedingly fine, pleasant & warm. Low clouds again after 4 pm – 8 pm – very thin low clouds flying, and moon chiefly bright between – and Thermr 50°. The sun-beams to day were very hot to the feelings

November 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest State	8 a.m.	highest State	State of Weather, & clouds.	Thermometer at 8 pm.
Monday, Novr. 10.	29·62 ·53 ·58	S E 1. S E 4. SSE 3.	47	50	53	Close & foggy morng, but soon clearer; and a gay sky; mixed clouds & sun; more clouded & windy but fine till after 7 pm. then a very little rain, for a short time. Fine moon-light night, & beautiful curdy white clouds.	48
Tuesday. Novr. 11.	·49 ·42 ·39	ESE 3. E 2. S E 1. S 4.	44	46	52	Very fine, with cirri eastward gilt with the rising sun, flying clouds followed by sun bright, & thinner clouds - but at noon darker & clouded. and rain at times during afternoon, and hard about 4½ pm Eveng fine & clearing, moon bright, and a dappled sky, galy night & cloudy.	48
Wednesday. Novr. 12. △ ♀ ♃	·58 ·65 ·77	S W 2. S W 3. NW 1	46	48	51	Cloudy with some sun, fine with a very drying breeze, but mostly cloudy more or less. Evening foggy but the moon at times bright, wind much less, & veered to the NW. night colder & chiefly clear. —	47
Thursday Novr. 13.	·85 ·88 ·98	NW 0. NNW 1 NNW 1.	37	40	52	Clear at first, but became more or less foggy & very little wind. Fine and bright about noon & till 2 pm, followed by some large heavy clouds, & a little wind. A little shower or two during eveng: night at times foggy, but the eclipse in part seen at midnight. —	46
Friday, Novr. 14.	30·11 ·17 ·16	NW 0 NW 0. Var 0.	42	46	52	Foggy all the morning, very fine & sunny day, pleasant, mild & calm: some low cumuli & cirrostrati at 1 pm with a few drops - but still bright: beautiful evening, calm & curdled. and the curdy clouds passing in a SW current, but the lower one chiefly from West. -	42
Saturday, Novr. 15.	·07 ·04 ·00	SSE 1. SSE 3. S E 2.	36	41	48	Foggy below, clear upward, more or less haze and at times foggy during the day, a colder breeze, and some lowering clouds. Evening quite cloudy & warmer than the day. Thermr highest about 8 pm. Stormy night.	48
Sunday, Novr. 16.	29·83 ·64 ·42	SSE 4. S 5. S 6. S by E 6. S 3.	45	50	51	Stormy wind & a very little wet at times, very lowering & galy, some sun after 11 a.m. - but more wind. Very dark and windy afternoon. and now & then a very little wet, yet chiefly fine. Very stormy evening - more wind, very galy & raining fast. - After 9 pm, finer & less wind. —	50
Monday, Novr. 17.	·40 ·52 ·65	W 2. WNW 3. W 3	41	43	51	Fine morng - but soon stormy with drifty rain between 9 & 11 am, afterwards more fair. sun at times & much mixed cloud; Clear and fine evening, a few light cirri, but at 10 pm - hazy & more clouded during the night.	43
Tuesday. Novr. 18. * ♀ ♂	·33 ·31 ·47 ·52	SSE 6. SSW 4. SW 3. SW 3.	40	50	57	Strong gale & driving rain from 5 till 7 am, soon finer and very mild. Chiefly fine with much cloud & wind - but less wind than in the morning: Evening clearer, but still very mild, and considerable wind -	47

November 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest State	8 a.m.	highest State	State of Weather, & Clouds.	Thermometer at 8 pm.
Wednesday Novr. 19.	29·33 ·20 ·22	S 4. SW 5. SW 5 4.&3.	44	53	57	Exceedingly stormy with driving rain at times & squalls of wind till 3 pm, and very dark with hard rain at noon & 2 pm, finer after 3 - nearly clear with some red cirri at sun set, and distant lightning in the eveng, in SW. very hazy about horizon but clear upward. Clear & windy night.	49
Thursday. Novr. 20.	·24 ·28 ·35	S W 3. S W 5. S W 1 &0. S W 4.	46	46	53	Clear and windy with a few scuds as day advanced; loose cumuli and sun, very fine here, but distant storms apparent in NW & S. Calm eveng at 6 pm. — Plucked a blue "March Violet" in full bloom and full of odour this morng, in the garden by the Poplar corner! And saw Snowdrops coming up; - owing to the mild weather. Wind rose again 8 pm - hazy & in part cloudy. I observed a Parhelion North of Sun at 3 pm. -	45
Friday, Novr. 21.	·60 ·62 ·55	SW 1 SW 1. S 0. N E 1	37	37	48	Chiefly clear very fine & cold morning, continued very fine & sunny till after 1 pm, then hazy & thick, and increased to overcast with a little rain before 8 pm, which increased, and continued heavy all night, and wind NE most of the time	42
Saturday, Novr. 22.	·58 ·69 ·77	NW 2. NW 1. NW 1.	35	35	43	Rain ceased about 5 am - hazy & streaked sky but soon fair & clearer: fine clear & cold day, some cirri. Evening chiefly clear and very cold. Stars bright, and some small meteors. - Frosty night. - some very distant lightning. -	36½
Sunday, Novr. 23.	·88 ·95 30·04	NW 1. NW 2. NW 1.	33	33	43	Clear, and hoar frost, very fine clear day light flying clouds & bright sun, but very cold. Sunset clear and deep orange tinted. Clear star light and frosty evening, night more clouded and a little sleet at times. —	33
Monday, Novr. 24.	·00 ·10 ·25	N 1. N E 1. N E 0.	33	34	42	Little flights of sleet and snow at 8 am, fine and clear from 9 till noon, followed by darker clouds and hail at times about 1 & 2 pm. Finer again & very bright, but cold, and a clear frosty evening, but not so all night. —	32
Tuesday, Novr. 25.	·72 ·02 ·07	S 1. S W 1. S W 1.	30	34	45	Cloudy & frost ceased at dawn, hazy and overcast with a little thick rain at times, but finer and clearer after 3 pm. fine evening but again hazy & close, - milder but fine night.	40
Wednesday, Novr. 26.	29·86 29·86 ·88	S W 5. S W 6. S W 6. & 5.	39	49	55	Some rain very early, but fine as day began - very mild windy and cloudy more or less all day. a very red & purple sky at sunset and still clouded. Eveng close, warm and windy, but clearer after 10 pm. The wind very little abated. —	53
Thursday, Novr. 27.	30·03 ·05 ·02	S W 4. S W 3. S W 2.	50	52	55	Very fine, mild & pleasant. cirrostrati clouds and sun, with a very drying breeze: - More clouded in the evening but fine & still mild, wind less but breezy. —	50

November 1845.

1845.	Barometer	Wind.	Thermometer out doors lowest	8 am	highest	State of the Weather &c.	Thermometer at 8 pm
Friday,	29·84	S 3.	47			Very fine & drying but cloudy till 1 pm, brighter afternoon, but the even^g more clouded and windy.— Warmest about 10 pm, had been 49° most of the day, but 51° at 10 pm	
Novr. 28.	·75	S by E 3.		47			
	·72	S by E 5.			51		49.
Saturday,	·87	SSE 1.	45			Very fine all the morn^g & till 2 pm— some sun, and plane cirrostrati clouds & very mild. More clouded with a little wet at times during afternoon & even^g, the wind at 6 pm veered round.— Very rainy from 9 till midnight.—	
Novr. 29.	·85	SSE 1.		47			
		SW 1.					
new moon 11 am.—	·85	NW 1.			52		46
Sunday,	·98	SW 1.				Fair, clear morning, very fine and clear all day, & a pure golden ☉ set. Clear evening, stars very brilliant. After 8 pm, gradually more wind and clouds came on, and much milder than in the evening.— windy night.—	
Novr. 30.	30·02	WSW 2	38				
	·04	WSW 2.		38			
		SW 5.			46½		40

Conclusive remarks, or results for Novr. 1845.

Barom^r.	Highest on 3rd 30·48 Lowest on 19th 29·20 range— 1·28 Mean of month 29·838	Thermom^r.	Highest on 8 & 9th 59 Lowest on 4th 28 range— 31 Mean of month 46°·466!

A very high state for November.—

Prevailing winds the SE & SW, depth of rain 2·23 Inches, Evaporation 0·91, and fine days 23 in number.

This on the whole was a very fine, pleasant, and mild November, and scarcely one day of chill & gloom. The beauty of the preceding month went on to the middle of this, and the dusty roads, and clean fields presented a scene unusual indeed at this season.—
Towards the end considerable sickness chiefly among children, catarrhs, fevers, measles, &c.—
The blue "March violet", and primrose in flower about the 20th of November 1845! The mildest November since 1818.

December 1845.

1845.	Barometer	Wind.	Thermometer out of doors lowest	8 am	highest	State of Weather & clouds.	Therm^r at 8 pm
Monday	29·85	SW 6.	40			Strong gale all the morn^g, cloudy & mild followed by a storm of driving rain from 9 till 10 am, afterwards less wind & very fine & bright afternoon a few cumuli clouds. Evening clear & stars bright.	
Decr. 1st.	·95	SW 3.		48			
	30·02	WSW 2.			49		42
Tuesday,	·05	SW 3.	39			Chiefly clear and bright sun till 2 pm, very fine & mild. More hazy & wind increasing after that time.— Evening windy and for the most part clear except streaks of haze.— Rain during the night.—	
Decr. 2nd	29·96	SW 3.		40			
	·80	S 5.			50		45
Wednesday,	·52	SW 2.	37			Some rain very early, but a clear and cold morning: fine sunny day, with dense cumuli & cirri, and in the afternoon some very rocky clouds grouped about the North of a yellow colour, and snowy looking.— Brilliant Aurora Borealis at 8 pm & after. Cold night. ☞ About 3 pm— several claps of Thunder in the North about 10 miles distant in the rocky cloud described above.—	
Decr. 3rd.	·50	WSW 3.		37			
	·55	WSW 1.			43		35
Thursday	·77	WNW 1.	33			A flight of snow early in the morn^g and a little frost, clear & very fine day, but a hazy evening moon dim with a halo, milder at 8 pm than just before. Rain & more wind from 9 till near midnight.—	
Decr. 4.	·85	W 1.		35			
	·79	W 1.			40		36
Friday,	·47	SW 5.	36	48		Fine with squally wind, sun, and flying clouds— and towards evening very clear, but a pale & watery sunset. Starlight evening and brisk wind.— Fine night, wind less, and chiefly clear.	
Decr. 5.	·55	WSW 4.			48		
	·59	SW 4.					41
Saturday,	·55	SW 1.	37			Some streaks of haze, but soon clear, very fine and bright sun all day, and clear starlight & moonlight even^g, frosty and much haze below. Very white frost upon the low lands especially.—	
Decr. 6.—	·59	SW 1.		38			
	·62	SW 0.			44		35
Sunday,	·73	W 0.	31			Very white frost & little haze, calm and bright forenoon,— cloudy afternoon but very fine. Clear and frosty evening.— Sharp frost all night chiefly clear & no wind.—	
Decr. 7.	·82	W 0 & 1.		31			
	30·00	NW 1.			40		35
Monday,	·23	S 0.	28			Clear except some mottled red clouds in the east, sharp hoar frost. Very gay sky followed and more wind. Very thick blue & strong-scented haze at 1 & 2 pm, cloudy more wind, and a little wet. Warmest after 9 pm— 49.	
Decr. 8.	·19	SW 2.		29			
	·10	SW 4.			49		43
Tuesday,	·10	WNW 3.	42			Streaky clouds, and much haziness, but fine & windy. Clearer in the evening, windy and drying, but a watery looking sky.— A fine and mild time for the season.—	
Decr. 9.	·15	W 4.		44			
	·15	W 4.			46		42.

December 1845.

1845	Barometer	Wind	Thermometer out of doors: lowest state	8 a.m.	highest state	State of the Weather & clouds.	Thermom. 8 pm.
Wednesday, Decr. 10.	30·28 ·34 ·37	NW 2. NW 3. WNW 1.	36	37	42	Very fine and chiefly clear, sunny and pleasant, some cirri and a few hazy streaks. Evens hazy & moon dim, but at 8 pm clearer with a few dappled clouds, — inclined to be frosty but very pleasant. Hazy during night, windy, & cloudy, & warmer.	35.
Thursday Decr. 11.	29·93 ·80 ·89	W 4. NW 7. NW 7.	35	45	49	Much milder, cloudy & windy morng. Clearer after 10 - very bright & fine with flying small scuds, and very strong wind all day. — More clouded again after 3 pm — & high wind continued. Flights of hail & sleet 9 pm. —	41
Friday, Decr. 12.	30·22 ·34 ·45	NNW 2. NNW 3. NW ½.	36½	39	43	Less wind but cold & stormy, several flights of sleet, hail & rain very early and during the day with sun at times. Evening fine, clear & frosty, moon bright.	34
Saturday, Decr. 13.	·45 ·42 ·44	NNW 1. NNW 1. NNW 1.	29	29	36	Hazy & foggy with sharp frost, soon clearer, and very fine sunny day but very cold, some cirri & streaks of haze. Full moon 7 pm, — Much haze but chiefly a clear evening, and sharp frost. —	31
Sunday, Decr. 14.	·40 ·31 ·17	S 0. SW 2. SW 3. SW 6.	26	26	45	Clear upward hazy below & sharper frost, soon more hazy, red sunrise and gradually became cloudy & thick, with more wind & thaw. Very thick and dark afternoon much blue haze. Thermr up to 37 at 3 pm & continued rising all the evens, overcast & more wind, still increasing to a hard gale, Thr 45. at 11 pm.	40
Monday, Decr. 15.	29·76 ·88 ·89	SW 6. W 5. WNW 4. WSW 4.	45	50	50	Very blowing, cloudy & mild, warmest at 8 am, flying rain at 9 & 10, afterwards fine, with much sun, and wavy clouds, less wind, but still windy: the night the same, but chiefly fine.	42
Tuesday, Decr. 16.	·77 ·81 ·83	WNW 4. W 5. W 5. & 3. —	40	45	49	Windy and mild with some dark and stormy clouds, chiefly fine and sunny, and the wind parching. Black clouds in the evens and squalls of wind, a flying shower just before 8 pm, afterwards less wind.	43
Wednesday. Decr. 17.	·90 ·84 ·80	W 1. SW 1. S 1. ESE 2.	39	40	43	Cloudy but more lofty, fine & very pleasant, & nearly calm. More cloudy & thick after 3 pm, and the evening overcast with a little rain, and the wind veered Eastward. Rather close and foggy during the night. —	38
Thursday, Decr. 18.	·47 ·43 ·48	SE 0. SE 1. SE 0.	38	43	47	Very close & light rain during the morng: finer but overcast and foggy in the day, again some rain at times in the afternoon & evengs. and more close: — but the night finer and again colder.	44

December 1845.

1845.	Barometer	Wind.	Thermometer out of doors: lowest state	8 a.m.	highest state	State of the Weather, & Clouds.	Thermometer at 8 pm.
Friday, Decr. 19.	29·40 ·18 ·02	SW 2. SW 3. WSW 4.	36	39	46	Cold raw air & very cloudy, more wind with some snow & rain at 11. and 12 noon. Milder with great darkness & some rain during afternoon, and at a little before 5 pm a very heavy nimbus with extremely heavy storm of rain and hail drifting hard, afterwards fine and clearer: some stars visible all the evening.	38
Saturday, Decr. 20. ♂ ♀ ♄	28·84 ! 28·85 29·02	W 3. W 3. WNW 3.	35	38	42	Stormy rain very early, fine after daylight till after 2 pm, but a very unsettled sky, mixed clouds & sun; became very dark westerly & soon overcast with a heavy driving snow from 3 till 4 pm, & a stormy evening but finer.	37
Sunday, Decr. 21. □ ☉ ♂	·40 ·59 ·76	NNW 4. NNW 5. NW 5.	36	38	39½	**Shortest Day, or Winter solstice.** Exceedingly rough with snow & rain and squalls of wind: more or less so all day, and chiefly clouded & gloomy. A little clearer at 4 pm. The evening at times clear with much wind, and freezing after 6 pm. —	32
Monday, Decr. 22. △ ☉ ♃	·70 ·21 ·06	SW 3. SW 5. WSW 3. Barom. fell rapidly all the day. —	30	32	39	Hard frost all the morng, windy and cloudy with a red striped East. Very heavy driving fall of snow from 9 am till after 12, then a mixture of snow, sleet & rain, & lastly heavy rain at 2 pm. The snow at noon was above 6 inches in depth. Thaw in the afternoon & still milder in the evens, finer & less wind but chiefly cloudy. — The Thermr was no higher than 32° till 1 pm, after which it rose much, 5 pm 36° & at 8 pm 39° as shewn here.	39
Tuesday, Decr. 23.	·04 ·35 ·65 ·68	N 3. N 5. N 3.	34	36	41	Very stormy with squalls of wind, and very frequent flights of sleet, snow and rain, nearly the same all day and but little sun, the clouds rocky and tempestuous looking. — Evening finer & clearer, & wind less, but at 9 pm a squall & sleet shower. —	38
Wednesday Decr. 24.	30·12 ·23 ·30	NW 1. NW 1. NW 0.	33	33	41	Very fine and gentle frost, continued very fine and quite clear, with a keen air. Evening the same, and more frost till 10 pm, afterwards cloudy night.	32
Thursday, Decr. 25.	·24 ·27 ·34	SW 1. SW 1. SW 0.	30	37	43½	Cloudy and thick haze, with a very little wetting in the morng, but soon finer yet chiefly clouded. Evening clear and calm, and a little frosty till after midnight. —	36½
Friday, Decr. 26.	·17 ·02 29·82	SW 2. SW 4. SW 5.	33	41	49	Overcast and suddenly mild, very thick haze and damp air. — Clearer after 11 am, fine and very mild - some sun and dark raggy clouds. — A severe gale with a storm of driving rain at 9½ pm.	48½

December 1845.

1845.	Barometer	Wind.	Thermometer out of doors lowest state	8 am	highest state	State of Weather &c.	Thermometer 8 pm.
Saturday, Decr. 27.	30·03 ·11 29·95 ·71	W 4. W 4. S W 5. since 6 pm. WSW 7. W 7.	37	37	52	Clear and windy, cold morning, very fine & chiefly clear till 4 pm, red sun-set, and cloudy evening, and after 8 pm - very stormy with wind & rain. - The highest Thermr was 43° during the day, it fell a very little in the evens, but again rose at 8 pm to 43°, & then rapidly to 52 in the night. Very high wind all night.	43
Sunday, Decr. 28. New moon 11 pm.	·60 ·57 ·72	W 7.6. W 3. NW 1. E 0. NW 2.	49	49	50	Very high wind till near dawn, but now less. very mild, and continual heavy rain all the morng, & more or less raining till 6 pm. Finer at 1 pm for a time, but very dark at 2 & 3 - with more rain. The wind very variable towards evens. Fine & clearer at 7 & 8 pm. - Great floods in the valleys. - Fine & frosty night.	39
Monday, Decr. 29.	30·09 ·01 29·85	SSW 0. S 2. SSE 4.	31	32	46	Chiefly clear, & gentle frost, red streaked East & much redness westward. Sunny morng, but very hazy PM. thick and blue haze. darker with more wind & a little wet at eve. - Milder during night. Highest Thr at midnight for this day.	42
Tuesday, Decr. 30.	·75 ·71 ·89	S W 4. WSW 6. W 7½.	47	53	57	Cloudy and exceedingly mild, the Thermomr rising all night. less cloudy, sun at times & flying clouds, the cirro-cumulus above them - very windy and mild. Very high wind from 4 till 7 pm, afterwards rather abated & stars bright. wind fell away to nearly calm during night	45
Wednesday, Decr. 31.	30·20 ·07 29·64	S W 1. S 3. SSE 5 & 6.	35	37	51	Hazy but fine & sunny & but little wind in the morng. more hazy and cloudy PM. - More wind and the evening very windy with driving rain, & warmest at night, no more than 44° in the day time, but rose all the evens, and till 11 pm then at 51°, and rain till 12 pm. -	46

Results for December 1845.

Baromr.	Highest on 13th	30·45	
	Lowest on 20th	28·84	
	Range	1·61	
	Mean of month	29·833	
Thermomr.	Highest on 30th	57°	
	Lowest on 14th	26°	
	Range	31	
	Mean of month	40·701	

Rain 2·81, Evaporation 0·77; fine days 16. Winds Westerly.

This was a remarkably changeable month, but chiefly very mild and stormy. Much snow on 20th and 22nd, and great floods on 28th. Not much sickness. -

Summary results for 1845.

1845	E	W	N	S	NE	SE	NW	SW	Prevailing winds.	Fine days.	rain	Evaporation	Mean of Pressure.	Mean of the Temperature.
	The days of each wind monthly.									General monthly summary.				
Jany	1	1	3	6	2	7	3	8	Southerly.	17	2·03	0·65	29·86	38°·129
Feby	4	0	3	1	1	4	10	5	NW.	21	0·46	0·78	30·019	31°·66 !
March	2	3	1	1	11	2½	7	3½	NE - NW.	17	1·12	1·17	30·06	35°·83 !
April	0	1	5	1	10	5	3	5	NE.	25	1·75	3·57	29·94	48°·20
May	2	4	4	0	4	6½	9	1½	Northerly.	13	2·95	2·66	29·96	51°·39
June	6½	4	0	4	1	5	1½	8	SW = E = SE.	23	1·24	5·06	30·07	63°·39 !
July	3	1½	3½	2	2	3	4½	11½	SW.	20	1·83	3·32	30·05	62°·29
Augt	0	8	0	2½	4	1½	7	8	Westerly.	16	3·32	3·12	29·98	59°·99
Sept	5	2½	1	2	6½	3	2½	7½	SW = NE.	23	1·27	2·15	30·05	56°·38
Octr	1	8	1	4	0	5	5	7	W = SW.	26	1·94	1·69	30·108 !	52°·104 !
Novr	½	1	0	2	2	11	5	8½	SE = SW.	23	2·23	0·91	29·838	46°·466 !
Decr	0	7	1	2	0	1½	7½	12	Westerly.	16	2·81	0·77	29·833	40°·701.
1845	25	41	22½	27½	43½	55	65	85½	SW = NW - SE.	240	22·95	25·85	29·980	48°·8775.

The Highest Pressure for the whole year was on the 23rd of October - Barometer 30·63; and the lowest was on 20th of December. Baromr 28·84! Mean Pressure of the year 29·98.

The coldest days of the whole year were the 11th & 12th of February, and the 13th & 14th of March, but the extreme of cold occurred on the morning of the 14th of March. Thermometer 5 degrees! The extreme of heat happened on Monday July 7th, thermometer 87°! - The other hottest times were in June, especially the 10th, 12th, 13th, 14th, 16th, & 17th days of that month, and June was the finest and hottest month in the year. The mean Temperature for the whole year was 48°·8775.

General Remarks on the Year of our Lord 1845.

The most remarkable occurrences in 1845, were

1st the great snow of the 30th of January at night,

2d The extreme cold of February and March,

3d The fineness of June as well as the great heat to the 9th of July, — which was the only period of true summer.

4th The dampness & gloom just before harvest whence the rot of the Potato crop. —

5th The happy change to fine harvest weather from the 21st of August to the 14th of September. —

6th The unusual fineness from October 12th to Nov 15th with dusty roads, and hard and dry fields.

7th & lastly The variable state of weather in December & the gales and storms then prevalent.

Orlando Whistlecraft.

January 1846.

1846.	Barometer	Wind	Thermometer out of Doors: lowest state	8 a.m.	highest state	The Weather, Clouds, &c. &c. —	Thermometer 8 pm.
Thursday, Jany 1st.	29.63 -90. 30.00	WNW 6 NW 6. NW 5.	40	40	43½	Chiefly clear and boisterous wind, cold and drying: very fine and bright day but continued very windy & small scuds and cumuli clouds. — Evening clear & stars bright, wind rather less but very cold, — and a wind frost.	36½
Friday, Jany 2nd.	-20 -35 -48	NW 3. NW 2. NW 1.	32	32	38	Very fine and clear, bright sun all day, and freezing at morn and eve. — Very clear star light evening and night wind but very little. More cloudy after 10 pm, and less frost. —	32
Saturday, Jany 3rd.	-53 -55 -52 -45	SSW 1. S 2. SSE 3.	31	33	39	Cloudy & the frost less since midnight, very red East, and undulated dark filaments of cloud about S and W. — Soon clearer very fine and sunny with fleecy clouds, but a cloudy eveng, and more wind. Thermr had been 35° after 6 pm, but rising since. —	38
Sunday, Jany 4.	-11 -01 -05	SW 4. S 4. 2 & 1. NE 1.	35	39	39½	Cloudy with dark knotty clouds & some curdy electric ones of a bright colour, at 9 a m, soon followed by rain & sleet and more wind: snow & rain at times from 10 a m — to 3 pm, afterwards finer but dark and overcast till ☉ set, then clearer & red west. Hazy eveng & halo-stars seen upward & wind to NE. —	34½
Monday, Jany 5. ✱ ♀ 4.	-17 -19 -22	NW 1. NW 1. Var. 0.	30	30	37	Clear and very white frost, exceedingly fine and bright all day, very little wind, but cold, yet the sun shone warm. Evening quite clear & calm, and hard white frost, — a change soon after midnight. —	31
Tuesday, Jany 6.	-17 -11 -14	SW 2. SW 2. SW 1.	28	34	45	Cloudy and change, became very foggy and dark, with frequent misling: and so continued all the day, and much milder as night came on. — Thermr highest during night. —	42½
Wednesday, Jany 7.	-28 -32 -41	WSW 1. W 2. W 1	43	44	48	The fog all gone, very fine and mild with light grey clouds, little sun between and a gentle breeze. The eveng beautifully pleasant, very mild — with fleecy clouds and moon. — Clear at 10. —	45
Thursday, Jany 8.	-54 -59 -66	W 1. W 1. W 1.	40	44	49	Very mild & fine, with lofty grey clouds but not thick, scarcely any wind. — Exceedingly pleasant evening, light grey clouds, and the moon but just seen. Baromr higher than for 5 yrs past.	45
Friday, Jany 9.	-72 -69 -69	SW 1. SW 2. SW 2.	39	41	42	Close and cloudy, thick blue haze all the afternoon and colder, some fog also, but more wind towards eve & rather milder again Thermr 39° at ☉ set, a little higher afterwards. — Cloudy night. —	40
Saturday Jany 10.	-57 -52 -48	SW 1. SW 1. SW 0.	36	36	37½ to 39 ☞	Lofty grey clouds, but very fine and calm all day alike: — somewhat foggy & cold, and in the evening a little falling vapour or very trifling misling at times. — Aconite in flower, also anemones primroses & some asters in garden!	37

Thermometer during the day only 37½, but at 10 pm it rose to 39. —

January 1846.

1846.	Barometer	Wind	Thermometer out of doors: lowest	8 am	highest	The Weather & Clouds.	Thermometer 8 pm.
Sunday, Jan.y 11.	30·42 ·40 ·38	S 0. SW 0 SW 0. S 0.	37	38	46	At times clearer, but chiefly somewhat foggy, close, calm & very fine, and the even.g rather more inclined to be clear grey wavy clouds & moon visible: beautifully pleasant & calm. ☞ Snowdrop & aconite in bloom with anemones &c, and daisy & primrose in the hedge-banks!	41
Monday, Jan.y 12 Full moon 2 pm.	·21 ·09 ·00	SSE 4. SSE 3. SE 2.	32	37	38	Quite cloudy, with wind in the morning and mildest soon after 8 am afterwards colder and the Therm.r fell all day, by 2 pm 35½, 4 pm 34° & at 8 pm freezing point. Continued cloudiness all day, lowering & dark, and the wind very keen. — A little clearer at times during night.	32
Tuesday, Jan.y 13.	29·85 ·74 ·68	SE 2. SE 3. SE 3.	31	35	45	Very fine & a little wind-frost early, but soon milder, thin haze, mottled & streaked light clouds with sun at times, and mostly bright in the afternoon and exceedingly pleasant. The fields & roads quite clean. Even.g hazy & continued dry breeze. Night quite clear at 11 & 12 pm. —	38
Wednesday, Jan.y 14.	·64 ·64 ·70	SE 2. ESE 2. ESE 2.	35	38	44	Chiefly clear & exceedingly fine, sun bright and cheerful with dappled sheet of cirrocumuli & fine plane elliptical clouds, more hazy after 2 pm, but mostly sunny. A streaky sky converging from SE in the even.g. Very red and fiery about setting sun.	39
Thursday, Jan.y 15.	·88 ·96 30·00	SE 1. SW 1. SSW 1	39	42	47	Very fine and mild, but little or no wind at times, some sun, but chiefly cloudy with thin clouds. — Unusually fine and pleasant. Evening and night very foggy and no wind.	43¾
Friday, Jan.y 16.	·00 29·95 ·93	S 0. S 1. S 2.	40	42	48	Foggy and calm all the morning, clearer after 10, very fine mild, and pleasant, with mottled cirrostrati and some scuds. — Even.g more lowering, a few drops, and more wind, but less again during night.	43
Saturday, Jan.y 17.	·84 ·84 ·85	SE 1. SE 1. Var. 0.	41	42	45	Very cloudy and mild, a little rain at times, and more overcast, foggy and close. — Calm evening, very thick fog, and a close and foggy night. —	43
Sunday, Jan.y 18.	·86 ·84 ·84	S 0. SW 1. S 1.	40	41	42	Very foggy and mild, & no wind: somewhat colder in the day time than of late, and continual thick fog. Evening the same. Wind rose from 9 pm all the night. —	39
Monday, Jan.y 19.	·47 ·30 ·22	SE 4. SE 4. SSE 5. S 6.	39	42	51	Boisterous with hard rain from 6 am, and nearly all day, and very dark atmosphere. — Very mild but less rain in the even.g, more windy & stormy: — after 9 pm hard driving rain for an hour or two, afterwards very strong wind all night.	48

January 1846.

1846	Barometer	Wind	Thermometer out of door: lowest	8 am	highest	The Weather & Clouds.	Thermometer 8 pm
Tuesday, Jan.y 20.	29·34 ·47 ·63	SW 7. SW 6. WSW 4.	43	43	48	Very high wind from midnight to near sun-rise, then abated, but continued boisterous all day with bright sun & very small scuds flying. Some cirri also upward. Evening clear. — but cloudy & a little wet during night. —	42
Wednesday Jan.y 21.	·53 ·44 ·40	SSE 2 S 3. S 3. 4. & 5.	40	44	54	Close & little rain, finer in the day but rain at times, little sun 3 pm, afterwards overcast, dark, and rainy evening. Very mild & rather more wind again since sun-set. Therm.r during afternoon 51° & rose again at 11 pm to 54° much rain & wind during the time.	49
Thursday. Jan.y 22.	·13 ·12 ·22 ·32	SW 7. SW 6. WSW 5.	49	52	55	Galy with rain at times & very mild, light flying rain during the forenoon at times. Fine & clearer afternoon, some sun, with dark and low clouds, very windy & mild. Even.g nearly clear, but hazy and stars dim.	49
Friday, Jan.y 23.	·39 ·30 ·33	S 1. SSW 2. SW 2	43	43	49	Fine morn.g but hazy & soon clouded very rainy from 11 am till 3½ pm, ending with very heavy rain, afterwards clearer & fine even.g, but chiefly hazy. Some rain in showers during the night.	47
Saturday, Jan.y 24.	·47 ·68 ·77	SW 1. W 1. WNW 1.	42	44	49	Very mild & fine morn.g, but hazy, some rain at times in the forenoon, — afternoon very fine, some sun, and thin clouds of a mixed kind. — Nearly clear about 4 pm, and some part of the even.g, and at other times hazy with dark knotty clouds. — Some heavy rain during the night.	44
Sunday, Jan.y 25.	·48 ·39 ·37	SW 3. SW 3. SW 2.	43	52	54	Much rain very early, but finer at daylight, again overcast and frequent rain during the day, and exceedingly mild & close. — Rather clearer at sun-set and red sky. Evening fine & partially star-light, but still very mild. —	51
Monday, Jan.y 26.	·26 ·30 ·30	SW 4. SW 3. SW 1.	46	47	53	Heavy rain early in the morn.g, for several hours, and squalls of wind, fine and sunny in the day, flying clouds & very mild. Evening fine, but hazy & less wind. — Great floods in the valleys. ☞ The saffron crocus opening its flower for a week past. Snow-drops and aconite with anemones & primroses full-blown a long time. — A little shower at 10 pm, then cleared. —	47
Tuesday, Jan.y 27.	·52 ·62 ·72	WSW 1. W 2. W 1.	42	42	52	Very fine, & in part clear, some light clouds, but very bright mild and pleasant, with a little breeze all the middle of the day. Evening mild and tranquil, some haze & dark clouds with stars between. —	47

Unusually mild weather for some weeks past!

New moon 9½ a m. —
More wind after 9 pm & little rain.

January 1846.

1846.	Barometer	Wind.	Thermometer out of doors: lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. at 8 pm.
Wednesday Jan.y 28.	29.60 ·48 ·61	SSE 3. S 3. SSW 2 WSW 3	42	44	50	Cloudy with frequent light rain, and chiefly overcast, dark, and rainy till 2pm, afterwards fine and sunny, light clouds flying, and very mild. — Even.g fine and in part clear, but hazy below.	45
Thursday Jan.y 29.	·65 ·44 ·61	S 2. SW 3. W 5. NW 6. 4. 3. 2.	40	41	50	Cloudy & red East, overcast and wet all the forenoon, finer & clear in the afternoon, but at 5pm — again overcast with stormy rain all the even.g, and squalls of wind from W and NW. — finer & less wind after 8 pm.	46
Friday, Jan.y 30.	30.02 29.96 ·93	SW 2. SW 3. SW 2. & 3. —	41	42	52	Beautiful rose red East & streaky cirrostrati up to zenith same colour. — Mild & fine morn.g, but soon overcast and a little wetting at times. dark clouds in the afternoon & even.g, and very close, Thermom.r in the afternoon 47° but rising all the even.g, and reached 52° — about 10 pm. — windy night.	50½
Saturday Jan.y 31.	30.01 29.95 ·88	W 3. W 3. W 6.	49	50	52½	Very mild and much undulated & plano cirrostratus, fine with some sun mixed clouds and brisk wind very gay & dappled in the afternoon somewhat hazy but bright. — Even.g nearly clear, and moon surrounded by a bur of yellow. wind increased much at 8 pm: but abated during night.	48

Results for January 1846.

Barom.r { Highest on 9th = 30.72! / Lowest on 22nd — 29.12 / range — 1.60 / Mean of month 29.889 }

Thermom.r { Highest on 22nd — 55° / Lowest on 6th a.m. 28 / Range — 27 / Mean of month 42.782! }

The prevailing wind was the SW. — number of fine days 19. Depth of rain 2.62, and Evaporation ·89. —

This month was very remarkable for its extreme mildness, and vegetation went on as in a mild Spring-time. — All the little Spring flowers — such as Aconite, Snowdrop, Crocus, Anemone, Primrose, & Polyanthus were in flower nearly all the month, and the Daffodil nearly so towards the end. and the kitchen vegetables — Cauliflower &c, in full growth. — Birds were tuneful and some nests and eggs of the Sparrow and Blackbird were found. Gooseberry and Currants shewing their leaf! —

February 1846.

1846.	Barometer	Wind.	Thermometer out of doors: lowest	8 a.m.	highest	The Weather and Clouds.	Therm. at 8 pm.
Sunday Feb.y 1st.	29.93 ·93 ·95	WNW 3. WNW 4. NW 2.	42	42	48	Very clear & beautiful morn.g, with a drying breeze, very fine, sunny, and cheerful day, but some light clouds all the afternoon. — Skylark soaring in the morn.g and very tuneful. Evening chiefly clear, less wind, and the moon encircled by yellow haloes. — ☞ Daffodil now shewing flower-buds!	42
Monday, Feb.y 2nd.	·73 ·89 30.02	NW 1. NW 2. NW 1.	38	40	49	Very thick with gentle rain very early for about an hour or two — but became fine before day-light. Soon cleared up and the day very fine and pleasant, light cumuli and sunshine. Evening rather hazy, moon & stars dim. — ☞ Cut a large cauliflower in the garden the production of January!	42
Tuesday Feb.y 3.	30.00 29.90 ·80	SW 1. SW 3. SW 4.	37½	40	51	Very hazy and thick, continued more or less cloudy but fine and very mild more wind towards evening, and became clearer at times with some moonshine, and beautiful concentric yellow, grey & green haloes round the moon at 8 pm. —	49
Wednesday Feb.y 4.	30.03 ·12 ·13	W 2. W 3. WSW 2.	40	40	48	Very fine and clear except streaks of cirrostrati in the morn.g, very bright drying and pleasant day, with a few small clouds. Evening chiefly clear but rather hazy & a halo about the moon, followed by rain after midnight.	41
Thursday Feb.y 5.	29.86 ·89 ·93	Var. 0. NW 2. W 2. W 2.	39	40	46	Rain till dawn, very hazy morn.g, and much cirrostratus, clearer in the forenoon, some sun, but again hazy and low clouds with a raw atmosphere in the afternoon. Fine even.g, moon dim with halo & much haze. —	41
Friday, Feb.y 6.	30.00 ·05 ·03	NW 2. W 2. SW 4. 5. 6.	35	37	46	Very fine and clear with a keen wind and a few cumuli: but at sun-set became cloudy with a red sky, and more wind. — Some rain at 8 pm very thick and overcast but moon visible, and more wind: became clear after 9 pm but very windy. —	43
Saturday, Feb.y 7.	29.85 ·80 ·89	WSW 6. W 6. WNW 6.	43	48	52	Very windy all the night past, and this morning; also very fine and clear, continued bright and windy all day with flying cumuli. — Evening the same & moon bright.	44.
Sunday, Feb.y 8.	30.00 ·01 ·05 ·09	WNW 3. NW 4. NW 5. 4. & 3.	37½	40	44	Very keen and boisterous wind with heavy rocky clouds, flying storms, and sun at times. — A sharp driving shower of sleet. hail and rain, just before 10 a.m, finer afternoon, very sunny, and a good deal of wind, with flying cumuli. Evening very clear and cold, less wind, but still rather windy. —	35

Some turnips in full flower for several days past. —

February 1846.

1846.	Barometer	Wind.	Thermometer out of doors: lowest	8 am	highest	The Weather & Clouds.	Thermometer 8 pm.
Monday, Feb.y 9.	30·17 ·21 ·31	NW 3. N 3. NE 1. 2. & 3.	32	34	41	Some snow at times, at other times nearly clear, frequent flights of hail and snow with sun between.— At 2pm remarkably large hail, even bigger than hazel-nuts. Wd to NE 4pm Fine even.g, clouds & moon, and a freezing air.—	33
Tuesday, Feb.y 10.	·41 ·47 ·44	NNE 1. N 1. NNW 0	29	33	38½	Some little showers of snow & sleet early & during the morn.g after sunrise, gentle frost, but chiefly very fine and sunny in the day, rather strecky & red at ☉ set, but the even.g clearer and frosty. — Sharp frost during n.t	31
Wednesday, Feb.y 11. Full moon 9 a.m.	·17 ·11 ·14	NW 3 NW 3. NW 2.	28	30	46	Sharp grey frost & more wind, with hazy clouds: much warmer in the day & till 3pm, very fine & bright, but towards night very hazy & cold wind, but scarcely freezing.—	36
Thursday, Feb.y 12.	·19 ·21 ·22	WNW 1. WNW 2. WNW 2.	31	31	45	Chiefly clear but hazy & gentle frost, rosy sun-rise, very fine and bright till after 2 pm, then hazy with low clouds flying, but in the evening, became clearer, some dark clouds at a distance.— No frost.—	38
Friday, Feb.y 13.	·18 ·20 ·22	NW 1. NW 2. NW 1. W 2.	37	40	48	Lofty grey clouds, and very little wind: clearer in the day, but many small and lofty clouds and sun between, exceedingly fine and pleasant:—with a gentle drying breeze. Evening cloudy & close.	42
Saturday, Feb.y 14.	·18 ·22 ·28	NW 1. NW 2. NW 1.	36	36	46	Very fine and pleasant, with a continued light cloudiness, and gentle breeze.— Clearer after 8 pm. very fine night and in part clear.	40
Sunday, Feb.y 15. ☌ ☾ ♃	·33 ·31 ·31	NW 1. NW 1. NW 1.	33	37	48	Quite cloudy, but the clouds lofty & grey. Exceedingly fine, and clearer as day advanced: Beautiful sunny afternoon, very few clouds, but after 4pm cloudy.— Some stars seen during evening, & many meteors running to South.	40
Monday, Feb.y 16.	·26 ·28 ·30	NW 1. NW 1. N 1.	39	41	47	Cloudy and gloomy but mild as before.— Continued cloudy all day & a little rain at times, but little wind and very mild.— Even.g chiefly fine, but quite clouded.—	43
Tuesday, Feb.y 17.	·26 ·19 ·13	NW 1. NW 1. WNW 1.	40	42	48	Chiefly cloudy more or less the whole day, but very fine, and a little sun at 3 & 4 pm.— Evening quite clouded and close.—	43
Wednesday, Feb.y 18.	·08 ·09 ·15	NW 1. NW 2. NW 0.	40	42	49	Chiefly cloudy with a very little rain at 9 a.m, clearer with sun at noon, low clouds with little showers & sun during afternoon. Even.g very & calm, stars brilliant till after midnight & a little frost.	39

February 1846.

1846.	Barometer	Wind.	Thermometer out of doors: lowest	8 am	highest	The Weather & Clouds.	Thermometer 8 pm.
Thursday Feb.y 19.	30·12 ·13 ·17	SW 0. W 0 NW 1.	33	38	44	Very cloudy and gloomy all the day through, and very little or no wind, but very fine. Evening equally cloudy but rather more wind. Night very cloudy and close.—	41
Friday, Feb.y 20.	·20 ·23 ·21 ·23	SSW 0. SE 1. S 2. SSW 3.	39	40	48	Cloudy but loftier clouds than yesterday, exceedingly fine & but little wind, clearer after 1pm, but still cloudy. Evening also cloudy, & much more wind.—	43
Saturday, Feb.y 21.	·23 ·23 ·25	S 1. SW 3. SW 2.	41	44	59	Light cloudiness & very mild, but soon became clearer, exceedingly fine and warm, light cumuli and sun bright with a gentle drying breeze: the even.g more cloudy. Thermom.r about 1pm and long after was 59° in the shade:— bees very busy among the little flowers.—	48
Sunday, Feb.y 22.	·17 ·10 ·02	SSW 3 S 4. S 4. 3. 2. 1.	43	45	54	Rather foggy in the morn.g, and very mild, soon clearer, but many mixed clouds and wind rather boisterous. Fine, mild, and drying— some barred cirrostrati & electric sky.— More hazy & dark after 4pm, with a little rain at times, even.g the same.—	50
Monday, Feb.y 23.	29·95 ·97 ·95 ·95	SW 2. SW 1. SSW 2.	49	52	56	Rainy more or less till near noon, and remarkably close & warm, fine afternoon, much clearer & some sun at times, exceedingly mild & close state of air; even.g more cloudy but fine and very warm.—	51
Tuesday, Feb.y 24.	·82 ·76 ·70	SSW 3. S 4. S 3.	48	51	56	Very mild and chiefly cloudy with a very little rain at times during the morning, finer & clearer with sun in the afternoon, windy & much mixed cloud. Even.g clear except some long plane cirrostrati. Windy night at times.	49
Wednesday. Feb.y 25 ✱ ☉ ♃	·61 ·76 ·89	SW 3. SW 3. SW 1.	48	52	56	About 5 a.m, a short but heavy storm of rain, after which it became fine exceedingly mild with brisk wind & sun, and many mixed clouds. Even.g fine, red streaked west, & some cirrostrati & haze.— Stars clear at 8. much less wind. New moon 7½ pm. Clear night, and Aurora Borealis.—	48
Thursday Feb.y 26.	·98 ·92 ·88	SSE 3 SSE 3 SSE 3.	40	45	57	Morn.g thick & foggy till near 10 a.m, but soon cleared, and became very fine sunny & warm, an exceedingly pleasant day with a drying breeze & some curdled clouds, rather knotty & electric.— Red west at sunset, and very hazy evening.—	48

N.B.— The unusual mildness of this whole winter is now becoming a matter of general notice, and such a case is hardly on record! violets in full flower as well as all the early Spring flowers.

February 1846.

1846.	Barometer	Wind.	Thermometer out of doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom at 8 pm.
Friday, Feby 27.	29·83 ·81 ·82	SSE 2 SE 2. SE 2.	44	47	58	Haze & mottled cirrostratus, but exceedingly fine and warm, with sun & gentle wind: gay and electric sky - and after 1pm a few little showers at times from electric looking clouds. Hazy evening & very warm, but rather more wind at times.	51
Saturday, Feby 28. ✱ ♀ ♂ NB. This was the warmest day ever known in February by the oldest observer!	·84 ·91 30·00	SSE 1 S 1 SSW 2	45	50	64	Very fine, warm & beautiful morng rather hazy, with curdy electric little clouds: after 10 very bright, and hot for the season, with a very little haze & white knotty clouds. Exceedingly fine & summer-like beyond any thing before noted at this season. Thermr at 11 am 60°; at noon 62°; & from 1 till 3pm 64°! Red sun-set and very hazy eveng. A parhelion S. of Sun - 3 to 4 pm. Night clearer after 10pm. -	54

Results for February 1846. -

Baromr.		Thermomr.	
Highest on 10th	30·47	Highest on 28th	64°
Lowest on 25th	29·61	Lowest on 11th am	28
Range	0·86	Range	36
Mean of month	30·064	Mean of month	44·258

Principal winds the NW, & from W to S. fine days 21 in number, depth of rain only ·71 of an Inch, - but the Evaporation even 1·80 In!

The extreme mildness of this season, together with the increased fineness and beauty of this month has constituted it as a matter long to be remembered by all observers, and by our rustic peasantry who never before saw nature in so forward a state at this period in the fields & hedgerows! The blue March violets has been long in full flower, as well as all the early Spring flowers belonging to April in ordinary years, and all the seeding operations in fields & gardens are completed in most places! It is the more worthy of note that this state of things should follow immediately upon one of a perfectly opposite character, as was the corresponding time of 1845! (To which refer.) What an invocation to gratitude to the Divine Being, is the reflection upon this lovely Winter of 1846!

March 1846.

1846.	Barometer	Wind	Thermometer out of doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermometer 8 pm
Sunday, March 1st.	30·20 ·17 ·11	SW 2. SW 3. SW 2.	41	44	54	Very heavy fog all the morning: and cloudy till noon, afterwards very fine afternoon, flying clouds & some sun, with a drying breeze. - Evening in part clear some light clouds flying over, and a brisk wind. -	47
Monday, March 2.	·05 ·04 ·02	SW 2. SSW 3 SW 4.	44	49	59	Very fine and hazy, but soon bright & continued so, and exceedingly fine and warm with dappled & streaked clouds. Evening cloudy & windy and at 8 pm a sudden but short storm of driving rain, afterwards clear again.	48
Tuesday, March 3.	29·98 ·92 ·88	SW 4. SW 4. SW 4.	42	48	58	Cloudy windy and mild - became clearer after 11, very fine & warm, flying clouds and wind boisterous, some hazy cirrostrati after 4pm, & a bright coloured Parhelion North of Sun. Cloudy eveng. very windy & warm, and a lunar halo. Very hazy & windy night.	51
Wednesday. March 4.	·52 ·56 ·63	S 5. SW 3. SW 1.	48	53	55	Cloudy & very windy morng, rain at times between 10 and 12, afterwards less wind but fair & very hazy, a lunar halo at 6½pm, but clear after 8pm. Fine night & in part cloudy. -	46
Thursday March 5.	·65 ·62 ·74	SSE 2. S 2. NW 2. WSW 0	42	45	53	Cloudy with sun, & a very watery sky, very showery forenoon, and at 1pm the wind veered NW with harder rain for an hour, afterwards fine & sunny with rocky clouds. A short shower at 7pm, then again clear.	43
Friday, March 6.	·68 ·76 ·83	SW 2. W 3. W 1.	40	43	49	Showery early in the morning, and a slight shower or two in the day, but after 2pm clearer, fine & chiefly sun, with stormy clouds, and cool breeze. - Evening fine, curdled clouds & moon at times bright.	42
Saturday, March 7. ✱ ☿ ♂	·84 ·84 ·90	W 2. WNW 2 W 1.	42	44	53	Cloudy with a mixed bed of clouds, but became clearer after 11am, bright afternoon, some small rocky clouds, and in the NW & N - heavy rocky nimbi looking like hail at a distance. Clear evening except fleecy light clouds.	41
Sunday, March 8. ✱ ♀ ♃	30·05 ·09 ·11	NW 1. NW 2. NW 1.	34	38	52	Clear & gentle white frost in the morng; very fine day, cumuli clouds & sun, with a cool breeze. Calm eveng, some dark clouds & others curdled & small. a few drops at 8pm, afterwards clear. -	41
Monday, March 9.	·22 ·31 ·39	NW 0 NW 2. WNW 0.	32	37	54	Clear & very white frost, very fine & bright day - frost soon off, a few small cumuli & little breeze. - Eveng rather hazy and streaked sky but fine & calm. -	41
Tuesday, March 10.	·47 ·47 ·48	WNW 0 W 1. W 0. Var 0	37	40	57	Very clear & heavy dew but no frost, exceedingly fine and bright, with very small cumuli & very little wind. - Calm and beautiful eveng, rather streaky & hazy in some points	44

March 1846.

1846.	Barometer	Wind.	Thermometer out of doors: lowest	8 am	highest	The Weather & Clouds.	Therm. 8 pm
Wednesday March 11.	30·51 ·54 ·64	W_0 NW_1 Var $_0$	38	41	57	Hazy but calm & very fine morng; continued hazy with cumuli & sun, an exceedingly fine & pleasant day.— Eveng bright moon & white dapple clouds here and there, and no wind.—	43
Thursday, March 12. ✳⊙♂	·72 ·69 ·66	Var $_0$ SW_1 SW_0	42	44	53	Cloudy and calm, clearer after 10 am, very fine and bright afternoon, some small low cumuli, & nearly calm.— Clear evening, and a frosty night.	40
Friday, March 13.	·50 ·43 ·40	WNW_1 W_4 W_2	36	42	53	Full moon 3 am. Gentle white frost, and chiefly clear but soon hazy and from 10 till 11 - very cloudy with a colder breeze. Flying clouds with sun & more windy till 3 pm - a few drops of rain, afterwards mottled clouds and much warmer all the evening.— Plucked some cowslips in full flower to day.	48
Saturday, March 14.	·22 ·10 ·05	WSW_3 WSW_6 WSW_5	45	48	56	A little rain a time or two early in the morning, continued cloudy and very mild, the wind much increased with many mixed clouds and no bright sun, but chiefly fine and very mild. Cloudy & windy evening and a flying shower 10 pm.— showery & warm night.	52
Sunday, March 15.	·08 ·11 29·99	WNW_2 NW_2 W_1 SW_0 2. 3. 4.	44	46	52	Cloudy & hazy morning: chiefly fine till 1 pm, but cloudy, & after 1. it became rainy more or less, but chiefly light and drizzling.— Close and nearly calm during eveng, some stars seen & the wind back to Southward, — and increased after 9 pm.—	45
Monday, March 16.	·66 ·41 ·33	SW_5 SW_7 SW_6	45	47	55	Very windy with flying clouds but fine and sunny during the forenoon.— Afternoon exceedingly stormy, high wind, and dark clouds, and at 4 pm - a severe driving storm of rain came on till near 5 pm, afterwards finer but windy. Red west, and dark clouds.—	44
Tuesday, March 17.	·47 ·54 ·60	W_1 NW_1 N_0	36	39	50	Hazy but fine and mostly bright; many cirrus clouds and streaks of haze all day but bright and very fine.— Calm & cold eveng, and numerous lines of parallel cirrostratus, — but the stars bright at 8 pm.—	37½
Wednesday, March 18. □♄♂.	·64 ·65 ·65	NW_0 NW_1 NW_0	29	34	47½	Chiefly clear & very white frost in the morning. very fine all day & nearly bright but hazy with halo & parhelia. Rocky banks of cloud about West towards eveng.— Clear & cold eveng, stars bright, and much distant lightning in SE.—	36
Thursday, March 19.	·67 ·67 ·68	NW_1 NW_1 NW_1	32	35	44	Hazy and cloudy more or less, and at noon the clouds became very thick and rocky, many distant showers of hail and sleet, and at times a little fell here, keen air & but little sun. Hazy evening and cold, but fine.—	35½

March 1846.

1846.	Barometer	Wind.	Thermometer out of doors: lowest	8 am	highest	The Weather & Clouds.	Therm. 8 pm
Friday, March 20. Vernal Equinox.	29·66 ·70 ·80	NW_1 NW_3 NW_1 W_0	30	33	45	Hazy with frost & a little snow in the morning, but soon became fine and bright with cumuli & a keen breeze.— Some heavy rocky clouds & a few hail-stones about 3 pm.— Cold eveng & in part cloudy with much lightning and thunder at a distance in the SSW, after 7 pm.— Clearer at 8.—	33½
Saturday, March 21.	·75 ·60 ·45	S_1 S_4 SSE_7 S by E_6 S_4	28	34	47	Clear & considerable frost in the morng; soon became windy & clouds flying from SSW & S, bright with cumuli & mottled cirrostrati & wind much increased all the afternoon, became very strong in the eveng driving up the dust in the roads, darker clouds and at 8½ pm a storm of rain, afterwards fine & less wind.—	41
Sunday, March 22.	·32 ·30 ·32	SW_2 SW_3 SW_2 1 & 0.	40	43	55	Chiefly clear & very fine morng, bright & pleasant forenoon with rocky cumuli, and fine till 2 pm, more wind and flying storms of hail & rain between 2 & 5 pm. Many heavy & rocky nimbi all round the horizon: fine eveng, in part clear.—	41
Monday, March 23.	·29 ·30 ·45	S_2 SW_4 SW_3 SW_1	36	42	55	Chiefly clear in the morng, but rather lowering during the forenoon & a very little rain once or twice. Very fine from noon till 3 pm, bright sun & flying clouds with rocky electric ones.— but after 3 - very black clouds, vivid curved & forked lightning & violent thunder — & hasty falls of hail & rain: continual lightning & thunder till after 4 pm. The eveng finer, some dark clouds & stars between: fine night & nearly clear.—	43
Tuesday, March 24.	·47 ·49 ·45	S_2 SW_1 SW_1	37	42	54	Clear morng but soon cloudy with little showers, fine & sunny between 1 & 3 pm, then some dark rocky clouds and a flying shower, some distant claps of thunder in NW at 3½ pm. Heavy clouds at ☉ set, but clear at 8 & 9 pm.	43
Wednesday, March 25.	·47 ·49 ·48 ·50	SW_1 SW_3 SW_1	36	43	54	Clear morng with some cirri, followed by many scuds, cumuli & sun, very fine till 3 pm with drying breeze, & mixed clouds. A dark cloud from SW at 3 - some rain but more to the S, cloudy eveng, & very little wet: clearer after 8 pm.—	42
Thursday, March 26.	·52 ·64 ·76	W_2 NW_3 NW_3 W_1	38	42	52	Cloudy morng, dark lowering clouds, & blue haze during the forenoon; bright with very rocky clouds from 1 to 3 pm - then very black in W & SW, with much thunder & lightning a few miles off, a little hail here. It passed Southward, then clear & sunny & fine eve.—	42
Friday, March 27. New moon - 6 am.	·87 ·85 ·85	W_1 W_2 W_1	38	43	54	Clear & very fine morng; bright sun all day with rocky clouds, and fine here, but some little showers at a little distance Southward - about 3 pm.— Fine eveng, some electric clouds, but chiefly clear.—	43

March 1846.

1846.	Barometer	Wind.	Thermometer out of door: lowest	8 a.m.	highest	Weather & Clouds.	Thermom. 8 pm.
Saturday, March 28.	29.72 .65 .62 .63	NW 0. Var. 0. NE 2. Var. 0.	33½	40	56	White frost early, but soon became mild. Calm & very fine chiefly bright till noon with mixed electric small clouds, pleasant & warm; more cloudy after 1 pm, and a colder breeze for a while NE, till 5, afterwards calm & cloudy even^g.	41
Sunday. March 29.	.90 30.03 .20	NW 2. NNW 4. NW 1.	35½	43	52½	Flying clouds & sun followed by some very dark clouds & flying showers at 11 a.m. Some distant storms in the early part of the afternoon, but fine here with rocky cumuli & sun. Clear orange ☉ set & clear even^g. a gilt cirrostratus only, near the setting sun, but at 8 pm no cloud.	39½
Monday, March 30.	.27 .22 .15	SE 0. E 0 ESE 2. 1. 0	31	39	54	White frost and calm: very fine day, calm & warm between 10 & 1, thin curdled clouds & sun. More wind & cloud after 1 pm, but the even^g clear yet hazy & cold. –	38
Tuesday, March 31.	29.90 .79 .72	SE 1. SE 2. SSE 2.	35	44	58	Very fine with a mottled & curdled sky: became quite clear very fine bright and warm day after 11 – more curdy cloud at 6 pm – arcs of electric dappled clouds, and mild evening. –	46

Results for March 1846.

Barom^r.	Highest on 12th	30.72	Thermom^r.	Highest on 2^d	59°
	Lowest – 23^d	29.29		Lowest – 21st	28
	Range –	1.43		Range –	31
	Mean of month	29.881		Mean of month	45.403

Prevailing winds westerly; fine days 18; Rain .81 of an Inch; Evaporation 2 inches & 22 hundredths.

This month proved a continuance of mildness, although comparatively less mild than the preceding month. Many severe thunder-storms, remarkable for the time, occurred, but the rain although frequent was very trifling in quantity. – The extreme contrariety between this & the same period of last year is most surprising, and when the fact is here recorded that in 1845 – it was violent severity of frost in the middle of March, and in the same week of 1846 – cowslips were in full flower, it must indeed be a memorable note for posterity! The fruit trees 8 weeks earlier in vegetating than in 1837!

April 1846.

1846	Barometer	Wind.	Thermometer out of doors: lowest	8 a.m.	highest	Weather & Clouds.	Thermometer 8 pm
Wednesday, April 1st.	29.70 .65 .60	SW 2. SW 4. SW 4. 3 & 2.	41	50	62	Very fine bright & warm, with flying clouds, and much wind, more clouds & some dark ones after 2 pm, and more wind. A few drops at 7 pm, very warm & windy evening. –	52
Thursday, April 2nd.	.47 .37 .24	S 3. S 4. SSW 3.	46	52	59	Stormy with flying clouds, some very black and heavy with hasty showers all the morn^g and very heavy between 11 & 12. – Fine sunny afternoon, cumuli & scuds flying. – Windy even^g, and some clouds. – Squally shower 9 pm.	50
Friday, April 3.	.40 .37 .47	SW 5. WSW 6. W 6 WNW 4.	42	47	55	Very windy with flying clouds and bright sun till 4 pm – then a very black cloud from SW passed to S, and SE with distant hail, afterwards cloudy & rainy till 7, then finer with less wind. –	43
Saturday, April 4.	.73 .51 .26	SSE 2. SE 3. Var. 1. WSW 5.	35	42	50	Hazy & cloudy but fine till 1 pm, afterwards overcast & continual rain till after 6 pm, then clearer & fine for a little time, but at 9 pm – cloudy & wind much increased & veered to near West. – The Therm^r had been at 41½ in the even^g, but now rising again. Storms of rain during night.	45
Sunday, April 5.	.40 .34 .30	E 1. E 2. SW 1.	39	43	50	Cloudy and soon overcast with rain more or less from 9½ a.m. – till 1 pm – then clearer & fine for an hour, afterwards hard rain till near 5 pm clearer at 6, but dark clouds and rain at times after 7: but at 10 pm – clear. –	47
Monday, April 6.	.23 .19 .14	SE 1. SE 3. SW 3. E 1.	42	45	53	Clear at first but soon very foggy till after 9, then cloudy, with a squall and heavy rain about noon from SE, S, & SW. bright afternoon, and clear even^g, but some threatening clouds in west at sun-set.	40
Tuesday, April 7.	.14 .22 .30	NE 1. NE 1. NE 0.	38	43	55	Clear morn^g, and continued fine & bright with rocky cumuli, more cloudy in the afternoon with some sun. Calm & pleasant evening – an arc of dappled cloud in SW up to zenith, moon bright at 8. –	44
Wednesday, April 8.	.33 .41 .50	N 0. N 2. N 2.	38	45	57	Very clear & lovely morn^g, and mostly bright with cumuli clouds, but larger ones in the afternoon, more cloudy in the evening & at times a very little rain. –	43
Thursday, April 9.	.72 .82 .87	NW 1. NW 3. NW 0.	37	44	56	Very fine with bright sun, & cumuli clouds, and a brisk wind till noon, afterwards less, but very fine, and chiefly sun, with many clouds. – Calm & beautiful even^g, curdled sky & moon between clouds.	45

April 1846.

1846	Barometer	Wind	Thermometer out of doors: lowest	8am	highest	The Weather & Clouds.	Thermometer 8pm.
Good Friday, April 10.	29·93 ·92 ·91	SW 2. SW 2. SW 0	39	47	58	Very fine and sunny with cumuli clouds & gentle breeze, exceedingly pleasant & a lovely day. — The wind nearly full West at 2 & 3 pm but chiefly SW & WSW. — Eveng calm and warm, with dappled & knotted white clouds & some barred cirrostratus. —	47
Saturday, April 11. Full moon 6 pm.	·73 ·65 ·53 ·50	SSE 1. SE 3. SE 3.	42	51	58	Hazy & gay, but fine & warm, wind increased soon after 9 am, more hazy and from 3 till after 5 pm — gentle rain at times, afterwards fine moonlight eveng, and the sky at 8 pm very beautifully dappled with cirrocumuli in round white fleeces. — Close night.	50
Sunday. April 12.	·51 ·60 ·72 ·69	SE 2. S 2. SW 3. SW 1.	45	54	70	Very fine, close & warm, gay & electric sky & bright sun; nearly clear & very hot. Therm at 11 am 65, and at 1 pm 70°. — More clouds after 1 pm but very fine & mostly bright. — Close & hazy evening, rather electric. At 11 pm — a sudden heavy rain, followed by showers till after 3 am.	55
Monday, April 13.	·71 ·83 ·90	SW 1. SW 3. SW 3.	50	55	64	Fine & partly clear after the showers early, clouds low & flying under some higher groups of electric ones, little flying showers but again finer, and sunny, very close & warm rather windy eveng, cloudy & close. 11 pm — quite clear. —	54
Tuesday, April 14.	·92 ·87 ·77	SE 1 E 2. E 4. E 5.	45	55	66	Very fine & clear morng, warm, and pleasant. continued fine & very warm but more hazy in the afternoon; cirri and cirrostrati, and some curdled beds: more wind & veered full East. Very black in the eveng all about the S, SW, & W & much undulated cloud — some large drops, more wind, and distant lightning. — Very black & a heavy shower at 9 pm. —	55
Wednesday, April 15.	·79 ·87 ·95	SE 2. ESE 3. E 3. ENE 3.	49	53	57	Cloudy more or less, but fine, very dark clouds of mixed kinds and but little gleams of Sun. Evening rather clearer till after 7, then clouded with dark clouds.	51
Thursday, April 16.	30·10 ·17 ·20	ENE 1. E 2 E 2.	47	55	65	Clear, very fine & pleasant, chiefly bright all day, with some cumuli clouds, and very warm. Evening more clouded but very fine, and a dry breeze.	53
Friday, April 17.	·12 ·02 ·01	SE 0. SE 1. SE 0.	49	54	64	Very close, calm & cloudy, exceedingly pleasant & fine till 3 pm, became bright between 12 & 2 pm, very warm & nearly calm. afterwards dark clouds, & rain from 5 pm till 6 pm — close eveng & cloudy but finer.	53
Saturday April 18.	·02 ·07 ·14	N 2. NE 2. NE 2.	47	49	58	Cloudy & some rain at times, in the forenoon, fine & sunny afternoon, with cumuli clouds — and the eveng more cloudy again.	47

April 1846.

1846.	Barometer	Wind.	Thermometer out of doors: lowest.	8am	highest	The Weather & clouds.	Thermometer 8pm.
Sunday, April 19.	30·17 ·22 ·25	NNE 3 NE 3. NE 3.	45	47	54	Cloudy more or less, but clearer after 11 am, bright with cumuli clouds, very fine with a brisk drying wind but rather cold. Fine night with stormy sky. —	44
Monday. April 20. * ☉ ♄	·22 ·20 ·22	N 3. NE 2. NE 1.	38½	45	52	Hasty showers of hail & rain in the forenoon with sun at times, fine afternoon, rocky clouds & sun; evening nearly clear, and wind less — but rather cold. Clear night	43
Tuesday, April 21. * ☿ ♄	·16 ·11 ·13	N 0. NW 1. SW 0. SE ½.	35	45	57	Clear & white frost early: — very bright with rocky cumuli clouds; fine till 1 pm — then a shower of hail & rain, afterwards chiefly fine, with distant showers. Eveng very fine & more serene, plane cirrostrati clouds. —	45
Wednesday, April 22.	·04 ·01 ·05	E 0. ESE 1. E 1. ENE 1.	35	48	58	White frost early but very pleasant sunny & warm in the day, with many cumuli. Calm eveng with many clouds & dark rocky ones in the East horizon. Night chiefly clear.	45
Thursday, April 23. * ♀ ♃	29·97 ·93 ·97	NE 1. E 1. ENE 2.	39	49	59	Very fine and chiefly bright, with cumuli clouds; more clouded & hazy towards evening, but at 8 pm, less so — and still very fine. Night more clouded.	46
Friday, April 24 □ ♀ ♂	·87 ·95 30·03	NE 1. Var. from NE to NW. NE 0.	44	47	50	Very heavy rain at times from sun-rise till about noon, the clouds very dark and heavy — chiefly rising from ESE & SE, across the lower breeze; distant thunder in SW at 1 pm — showers in contrary currents — but finer afternoon & at 4 became bright with rocky clouds. Calm & clear at 8 pm. —	46
Saturday, April 25. A bright Mock-sun, N of sun — 4 pm. The Solar Eclipse clearly seen at 6 & 6½ pm. — Thus — New moon 4¾ pm.	·06 ·02 ·03 ·02 ·01	Var. 0. Var. 1. NE 1. NW 1. SE 2. 1 & 0.	37½	50	62	Fog below & clear above. fog dispersed about 8 — & many electric groups collected; A clap of thunder near in SE at 9½ am — heavy hail & rain soon followed & passed with a very severe storm a few miles to NNE. the thunder violent and continual there for an hour after, and exceedingly black in that Quarter: — after 10 bright at times with rocky clouds, & distant thunder showers about & continual thunder in NW. 4 pm. Fine eveng & calm, with electric clouds. — cloudy night after 10 pm.	51
Sunday, April 26.	29·86 ·87 ·88 ·92	NNW 3. N 4. N 4 N 1.	43	46	50	Cloudy with showery rain at 6½ am. and chiefly showery with some little sun, but cold wind, and very lowering. — Evening nearly clear, & much colder, with very little wind. Night in part clear, but stormy clouds with sleet towards dawn of 27th.	39

April 1846.

1846.	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermometer 8pm
Monday. April 27.	29·94 30·02 ·04	NW 2. NW 1. NW 0.	35	42	52	Cold, with flying storms of sleet & hail, & sun at times: gentler showers in the afternoon & less wind. Fine and calm evening. Night the same, and hazy sky, in streaks. —	41
Tuesday. April 28.	·01 ·00 ·11	W 0. W 1. NE 0.	37	46	56½	Fine & calm morng, hazy but soon very bright with rocky cumuli: continued so till near 12, then hazy, & more cloudy and after 4 pm rain gently till near 8 pm. Thermr afterwards rising again, and sky clearing from NW.	40
Wednesday. April 29.	·28 ·30 ·29 ·32	NE 0. NW 1. W 2. WSW 1.	34	45	60	Very white frost early, quite clear, and calm; a very fine and sunny day, cumuli clouds, & gentle wind: evening more clouded & sun set red among bars of cirrostratus. Very fine & calm night with curdled sky. —	48
Thursday. April 30.	·39 ·40 ·38 ·40	NW 0. W 1. W 1. SE ½	43	50	58	Very fine & calm, with curdled clouds; continued fine till 4 pm but more cloudy in the afternoon, and after 5 a little rain at times: close and gloomy evening, and clouds very knotty and black.	49

Results for April 1846.

Baromr.	Highest on the 30th	30·40	
	Lowest on 6th & 7th	29·14	
	range	1·26	
	Mean of month	29·833	
Thermomr.	Highest on 12th	70°	
	Lowest - early on 29th	34	
	Range	36	
	Mean of month	49°375	

The number of fine days 14; Winds very variable & divided in all points; rain 3·15 inches, and evaporation 2·45 inches. —

This month very changeable with frequent rain, but on the whole the temperature was very seasonable, and in these parts without much of frost, so that vegetation went on, although less rapidly than in February & March, comparatively at least. — At the end of this month (April) all trees shewed leaf except the Ash, and the Hawthorn partially unfolded its Petals! — The Cuckoo was heard during the 2nd week; and the fruit trees all bloomed during the month. Grass & Clover become abundant & all nature very early. — Much sickness from cold & fever prevailed. —

May 1846.

1846.	Barometer	Wind.	Thermometer out of doors lowest	9 a.m.	highest	The Weather & Clouds. —	Thermometer 8pm.
Friday, May 1st.	30·43 ·40 ·38	S E 0. S W 2. SSE 1.	45	52	62	Very fine and calm, clear & bright morng, pleasant day & warm, but many thin grey clouds, evening very close and clouded, but exceedingly pleasant & warm. — Close night & no wind. —	55
Saturday, May 2nd.	·28 ·26 ·27	W 2. W 3. W 1.	52	57	67	Clear at first but soon cloudy with electric haze or fog, close & warm, at times clearer and more wind during forenoon: but chiefly cloudy till 3 pm, afterwards bright and very warm. Cloudy again after ☉ set, & very sultry, but clearer durg night.	58
Sunday, May 3rd.	·23 ·22 ·18 ·20	Var 0. NE ½. SE 1. E 1.	45	63	73	Clear, calm and lovely morning, and very bright till after 1 pm, curdy gay clouds highly electric & very hot; after 1 pm more cloudy & darker with distant thunder in SW at 2½ pm. — More or less cloudy the rest of the day, & a few drops at 8 pm. —	55
Monday, May 4.	·09 ·04 29·90	E 3. E 4. E 3. S E 3.	50	57	62	Many ribbed and dappled arcs of cloud, brisk wind and sun, a very fine and parching day, wind more boisterous in the afternoon, hazy & dappled in the evening, and from 9 till 11 pm heavy stormy rain and distant thunder. — After 11 pm fine & wind veered & less. —	52
Tuesday, May 5.	·80 ·82 ·79 ·75 ·73	S W 2. S W 2. S 1.	47	61	66	Very fine with cumuli, mixed clouds, & sun, warm and pleasant, growing day. much cirrostratus 6 pm in grained arcs. Cloudy evening and a little rain before 9 pm but soon became finer, and clearer. —	56
Wednesday, May 6.	·65 ·63 ·66	S W 1. S W 1. S 1. S 0.	50	57	67	Bright & lovely morng, many clouds followed but chiefly bright fine & very warm, at noon some dark clouds & distant showers, & a light one here at 1 pm afterwards fine, bright & very pleasant. Some distant showers during eveng but fine here. —	56
Thursday May 7.	·79 ·84 ·88	S W 0. W 2. N W 1. E 1.	47	60	63	Very fine, and beautiful morng, sky curdled, chiefly fine, calm & close with mixed clouds & sun. A very little shower at 1 pm, but very fine & pleasant afterwards close eveng & dark clouds. —	55
Friday, May 8.	·95 30·01 ·07	NW 1. NW 2. W 1.	47	61	70	Exceedingly fine, bright and very warm with cumuli clouds & gentle wind: eveng beautiful, & sun set without a cloud very red in a cream-coloured haze. — Clear night & no wind. —	56
Saturday, May 9.	·13 ·11 ·03	SSE 1. S E 3. S E 2.	43	64	69	Lovely morng, very bright & hot forenoon with light clouds, more wind after 12 but exceedingly fine, bright and pleasant. Evening more hazy with streaks of dusky vapour westward: slight halo about the moon, and very hazy as night came on. —	56

May 1846.

1846.	Barometer	Wind	Thermometer out of door: lowest	9 am	highest	The Weather & Clouds.	Thermometer 8 pm.
Sunday, May 10.	29·90 ·96 30·02	S 2. SW 3. WSW 2.	52	57	66	Fine & close till 8 am, with many gay cirrostrati, mottled, serrated & plane; rain from 8½ am - till after 9 am, soon finer & a bright sunny afternoon - with cumuli clouds. — Some distant showers after 5 pm & a little rain here at 6 pm. —	55
Monday, May 11. Full moon 6 am.	·22 ·23 ·21	SW 1. SW 1. SSE 1.	44	60	68	Clear, very fine & bright morning, and the whole day the same, with a few small clouds, and very warm growing weather; thin yellow haze in the evening - in which the sun set very red or salmon colored. Moon rose the same.	55
Tuesday, May 12.	·17 ·11 ·06	SE 1. ESE 2. E 2.	43	62	69	Very fine & bright sun all day a few small cumuli clouds, and brisk wind, very warm and exceedingly pleasant. - Evening clear but rather hazy, & cooler wind. —	53
Wednesday, May 13. △♂♄	29·94 ·90 ·95	E 3. E 4. ENE 4.	51	60	64	Hazy & streaky sky with halo round the sun all the forenoon, more hazy & thick during afternoon, less sun, and more wind; evening much dappled, gay, and electric sky - less haze, but the wind rather boisterous.	52
Thursday, May 14. ☌☉♃	30·07 ·13 ·13	NE 4. NE 5. NE 3.	48	57	61	Very fine, quite clear & boisterous wind, very parching, some cumuli in the afternoon, & larger ones in the evening, wind still brisk, and very cool. —	48
Friday, May 15.	·11 ·07 ·02	NE 2. E 3. NE 3.	41	59	63	Clear except cumuli clouds - but very bright and parching, wind very brisk. — Evening clear, & very little wind. - Night chiefly clear - and not so cool as last. —	48
Saturday, May 16.	29·82 ·70 ·58	E 1. E 2. E 2.	42	60	65	Very fine, bright sun & rocky clouds - with gentle wind; after 3 pm more electric and dappled - in 2 currents from E & S - scuds below & cloudy evening, much closer & a few drops.	53
Sunday, May 17.	·32 ·35 ·34	SW 3. S 4. S 2.	50	55	62	Dark clouds flying, stormy sky, little wet at times during the morning; fine between 10 am & 3 pm, but mostly cloudy & little sun, followed by a very little shower & squalls of wind. Cloudy more or less till 9 pm - clear at 10. —	52
Monday, May 18.	·30 ·18 ·15	SSE 2. SSE 4. SSE 3.	44	55	60	Very stormy sky but fine till after 9 am, afterwards heavy squalls & driving storms of rain, with sun between. A very heavy storm at 4½ pm. - Finer evening. —	52
Tuesday, May 19.	·55 ·69 ·74	SW 2. SW 3. SW 1.	48	60	67	Very fine, bright & warm till 2 pm then a heavy shower, and afterwards lightning & thunder as it passed to the East. Again bright & warm - fine evening. Some distant showers.	55

May 1846.

1846.	Barometer	Wind	Thermometer out of door: lowest	9 am	highest	The Weather & Clouds.	Thermometer 8 pm.
Wednesday, May 20.	29·62 ·64 ·70	SSE 1. S 2. SSW 1. S 2.	51	55	61	Very showery all the forenoon, and at noon very black with lightning & loud thunder Northward as the cloud passed. Many very black clouds till 3 pm - & large hail here, some near 2 inches round. The main cloud passed in NW; sun at times bright: another heavy shower 5 pm evening finer, and in part clear. —	52
Thursday May 21.	·83 ·92 30·07	SE 1. SE 2 SE 0.	45	60	67	Cumuli & sun, fine & warm morning; and continued very fine sunny, & warm with cumuli clouds, and some distant cumulostrati. Beautiful evening, calm, warm, and sunny, but a distant stormy looking cloud very conspicuous in NW horizon, with an anvil shaped head. — Clear night, mist on the valleys. —	54
Friday, May 22. □☉♄	30·24 ·27 ·29	E 0. SSE 1. S 1.	45	65	74	Fog early but soon cleared off, very bright with cumuli clouds, and very hot, a little haze & electric dappled clouds in the evening, and some cirri, all tinged red at ☉ set. — Night clear with haze below. —	60
Saturday, May 23. ✶☿♂	·31 ·32 ·33	Var 0. W 1. W 0. SE ½.	52	65	71	Exceedingly close and sultry with much curdled cloud, and dark blue haze, a very little rain at 10, but soon fine again. Sultry afternoon, sun at times, & a bright & hot evening. Sun set very red in coppery haze - afterwards cloudy & close, — but the night again clearer. —	59
Sunday, May 24.	·33 ·32 ·31	W 0. WNW 1. W 0.	50	65	73	Very fine and beautiful, light clouds and sun; some lower bodies of dark blue haze at times, and very hot. — Lovely evening calm & hazy with cirri, and deep red sun set. a little wind 9 pm but very sultry. —	62
Monday, May 25. New moon 5 am.	·29 ·23 ·19	WNW 1. W 3. W 3.	49	64	71	Clear morning & very warm; more wind after 9 - and large bed of low cloud and blue haze at times through the day, but often sunny, and still hot and sultry atmosphere. — Night cloudy and clear alternately. —	62
Tuesday, May 26.	·20 ·23 ·22	WNW 2. NW 3. 2. & 1. NW 1.	54	60	67	Very fine with sun at times, but often cloudy and dark haze occasionally. — A strong electric smell in the air more or less for some days, and increased to day. Heavy honey-dews this week past. —	58
Wednesday, May 27.	·19 ·14 ·11 ·17	WNW 2. NW 3. NW 2.	46	62	71	Chiefly clear, brisk wind & light clouds, very fine day, hot sun, and soft breezes, but more electric mixed clouds after 3 pm, and some very black at 5, afterwards again less cloudy. — A silky cirrus tinged red & green just below the sun at 6½ pm. —	58
Thursday, May 28.	·24 ·30 ·39	NNW 3. N 2. N 0.	45	58	64	Large loose cumuli, and bright sun; exceedingly fine, and clouds less in the afternoon, very bright, and less wind. Clear and calm evening. — Twilight remarkably brilliant. — —	52

May 1846.

1846.	Barometer	Wind.	Thermometer out of Doors lowest	9 am	highest	The Weather & Clouds.	Thermometer 8 pm.
Friday. May 29	30·41 ·43 ·43	Var. 0. S E ½. SSE 2. S 2.	39½	62	71	Very clear, calm & heavy dew in the morng; exceedingly fine clear & hot in the day, with small cumuli, more wind in the afternoon, but very clear and hot. – Eveng more hazy, & streaked with dusky haze across the setting sun – His orb red, and a perpendicular beam of red light appeared from the body of the Sun from just before setting till 9 pm. –	57
Saturday. May 30.	·38 ·35 ·33 ·32	WSW 1. S W 0 E 1. S E 0.	47	66	77	Very fine, clear and lovely morng; continued bright & no cloud till noon, afterwards very light cumuli, but still very bright, and very hot and calm oppressive air. – A little wind after 6 pm – & sun set in full splendor very red in ash-coloured haze. –	64
Sunday. May 31. Whit-sunday.	·30 ·29 ·28	Var. 0. Var. 0. E 2 & 1. E 0.	50	70	81	Beautiful morng – quite clear, no wind and very hot: continued clear, and excessively hot, no wind till after 2pm, then a breeze till after 5, afterwards fell away. – The evening lovely, sun set in fullest glory – and rose-coloured. –	63

Results for May 1846.

Baromr.	Highest on 1st & 29th	30·43	
	Lowest on 18th	29·15	
	Range	1·28	
	Mean of month	30·03	
Thermomr.	Highest on 31st	81°	
	Lowest 28th night	39½	
	Range	41½	
	Mean of month	57·33	

The winds very much distributed. – Depth of rain 1·10. Evaporation 4·66 inches, and fine days 24 in number.

This month was lovely in the extreme, and highly salutary to a rapid vegetation, warm showers and gentle heats to the 20th, after which a more perfect brightness still, with great heat at the end. – All nature became fully developed, and the landscape became unusually enchanting. – An epidemic continued all the month – attended by slight fever, cough, and loss of appetite, with debility, – and more particularly among children. The grass in the meadows is the most luxuriant we have seen for 24 years past, and the corn looks well: fruit trees not so well. the recent honey-dews much affecting some of the apple-trees, and the currants also. –

June 1846.

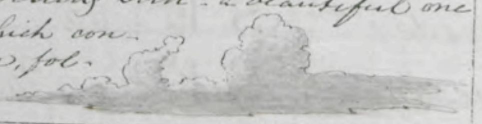
The notable hot June. –

1846.	Barometer	Wind.	Thermometer out of Doors lowest	9 am	highest	The Weather & Clouds.	Thermometer 8 pm.
Monday. June 1st.	30·32 ·34 ·35	E SE 1. SE 2. SE 1.	53	70	75	Fog early, but soon clear, and very hot; most delightful morng; quite clear all day, with more wind moderating the heat, but exceedingly fine & bright: Clear evening, and very brilliant sun-set, some cirri in streaks about NW. –	60
Tuesday. June 2nd.	·36 ·36 ·35	SE 0. SE 1. SE ½.	46	72	81	Heavy dew & very clear morng; strong scented blue haze came on, but continued quite clear, no cloud except a few cirri far in the west – very little wind, and excessively hot. After 5 pm, some beautiful white knotted & dappled clouds in NW, – which became tinted red & purple as the sun set. and the Sun's orb was clear & rosy. – Very clear night, & mist on the valleys. –	63
Wednesday. June 3rd.	·36 ·37 ·35	SE ½. SE 1. SE 0.	45	74½	84	Quite clear & dewy morng. excessively hot as day came on, no cloud & very little wind. continued the same all day; Thermr between 82 & 84 for 3 hours, and not under 80° till after 4 pm, and in the sun at 3pm 143°. continual sun & at setting still clear a much hotter eveng than any previous this season.	67½
Thursday. June 4.	·32 ·34 ·32 ·30	SE 1. ESE 2 ESE 0	49	75	84	Exceedingly thick blue haze, with a strong smell, but very fine & constant bright sun, excessively hot and oppressive. Evening close with cirri and streaks of haze, in which the sun appeared very red. The Thermr was about 83° for above 3 hours to 3½ pm and a little time at 84°. – Hazy night	67
Friday. June 5.	·29 ·30 ·28	SE 0. E 2. E 0	55	75	84	Hazy, but bright & no cloud, less haze, very clear, and excessively hot, a very few distant cirri in the South and SE. – Evening clear, no haze, and sun set in full glory. – Some cirri & a perpendicular yellow beam from the sun at setting. –	67
Saturday. June 6. ☌ ☿ ♃ ✱ ♀ ♄	·23 ·21 ·20	SE 0. SE 0 SSE 1 & 0.	51	78½	88	Still exceedingly fine, close & little haze but bright, continued bright and most excessively hot, a few electric cumuli, and haze upward, and no wind. – Thermr before 12 up to 86½, at 12 – 87°; 1 & 2 pm 88°, – 3pm 87°; 5 pm 81°, 6 pm 77, 8 pm 71, and 10 pm 65½. – Very hazy eveng, exceedingly sultry and sun red. – A little very distant lightning at 11 pm – Eastward. –	71
Sunday. June 7. □ ☿ ♄	·13 ·10 ·06 ·04	NE 0. E 0. ½. SE ½. SSE ½.	56	78	89½	Very fine and delightful morng. rather hazy and dappled but bright: continued bright and oppressively hot, a light arc of dappled cloud lying from E to zenith, Thermr at 10 am 85°! – and no wind – at noon 88°. 2 pm 89½ 3 pm 88°, 4 pm 84°, 5 pm 81°, 6 pm 78°. 8 pm 73½, – 10 pm 68°. – Dark knotted clouds all the eveng & thick haziness, very electric sky, and excessive sultriness. Very distant lightning and thunder most of the night.	73½

☞ The extraordinary heat of the last 9 days exceeds all upon record, at this early time of the year! –

JUNE 1846.

The notable hot June continued.

1846	Barometer	Wind	Thermometer out of doors: lowest	9 am	highest	The Weather & clouds.	Thermom at 8 pm
Monday June 8.	29.97 .99 .96 .92	Var. 0 S W 2 WSW 2 & 1. Var. 0	63	78	83	Continual distant thunder and sultry morn^g, dark rocky electric clouds, but at 8 became clear & extremely hot, a dappled Arc passed to NE, soon followed by wind & large blue scuds till after 12, and rather less hot: again calm, clear & excessive hot afternoon. Much thunder at noon Eastward and continued in the N & NE all the even^g. Rocky black clouds & at 8 pm much lightning East & NE which continued. Therm^r at 10 - 68°. Much lightning Eastward after 10 for some time.	71½
Tuesday June 9. Full moon 3½ pm.	.92 .92 .92	SW 1 SW 2 SW 1	58½	71	79½	Bright with rocky cumuli and very hot; exceedingly fine, bright, and beautiful white-headed cumuli all the afternoon. Bright even^g, & clouds like as before, and just above the setting sun a beautiful one of this form which continued some time, followed by plane cirrostrati. 	69
Wednesday June 10.	30.07 .10 .12	SW 2 SW 1 SW 2	57	64	73	Very fine with cirri, light scuds & sun, and some darker clouds with a little rain about noon, but soon very fine with grey clouds & very close. Cloudy and sultry evening, and night.	67½
Thursday June 11.	.25 .29 .32	WSW 2 W 1 W 1	62½	71	81	Very close & sultry morn^g, soon clearer, and much curdled cloud in fine silvery dots - very bright and very hot afternoon and a hot even^g, the sky very finely dappled. - Close night, but clearer after 10.	69
Friday, June 12.	.35 .32 .28	SSE 1 SE ½ SSE 0	56	73	81	Very fine and exceedingly sultry, many mixed clouds & some very gay and electric, sun at times & but very little wind: more hazy in the even^g, but not many clouds. - Very close & sultry. Sun set very red. -	70
Saturday June 13	.29 .32 .29 .30	NW ½ NE 1 E 1 E 0	55	72	83	Red sun rise, very bright & hot morning; and very bright day, dappled & electric looking sky and extremely hot; a red and dappled sky in the evening, and somewhat hazy in the night. -	67
Sunday June 14 □ ♃ ♄	.30 .30 .30	E 1 E 1 E 0	55	73	82½	Clear, very fine and bright: so continued all day and extremely hot with a very few small cumuli, but at times no cloud to be seen. - Lovely even^g, quite clear, & the sun set in full golden splendour. - A few cirri far in the NW. -	69
Monday, June 15.	.32 .37 .41	E 0 E 0 S E 1	52	75	86	Very clear & dazzling sun-rise, and very bright all day, with small cumuli & grained cirri. Very little wind and excessively hot. Brilliant evening, but sun set red behind a dark blue cloud; - red rays diverging upward.	70
Tuesday, June 16.	.44 .50 .51	E 0 E 2 S E 1	55	75	83½	Brilliant orange ☉ rise; continued very bright and extremely hot, but a little breeze came on after 12 and continued PM. - Evening clear and brilliant. Sun set red among curled cirri clouds. -	69
Wednesday, June 17.	30.50 .50 .46	S E 0 S E 1 S E 0	53	77	86½	Very clear and exceedingly fine continued all day very bright, and excessively hot a very few small clouds only, & but little wind. Therm^r from 85 to 86½ for two hours, and no lower than 80° till 5 pm. - Very bright even^g a few cirri only, and splendid orange-tinted sunset.	71
Thursday June 18.	.42 .38 .35	E 1 E 2 ESE 1	54	76½	84	Quite clear with blue haze below, continued very bright and excessively hot, with a little breeze, some cirri, and a halo round the sun at times: - some dappled arcs in SW in the even^g, and many very thick curls of cirrus in NW at sun-set and long after. -	67½
Friday, June 19.	.29 .25 .25	N E 0 S E 1 S E 1 SSE 1	54	75	89½	Fog till after 7. soon very clear, and very hot, continued very bright, and the heat suddenly increased just before 12, a very few clouds, and but little wind. most excessively hot all the afternoon, Therm^r from 88° to 89½ till 2 pm: at 3 - 87½, at 4 - 85°; at 5 - 83½°; at 6 - 80°; at 7 - 77°: at 8 - 74°: - & at 10 - pm 68°. — Cirri & haze with distant rocky clouds in NW - 7 pm: - and dappled trains at 8 & 9.	74
Saturday, June 20.	.28 .32 .38	Var. 0 W ½ N 2 N 3.2	57	77	85	Cirri & thin haze, but bright & extremely hot, and no wind: soon became curdled and a breeze from North, extremely hot till after 1 pm, afterwards cooler, a fine breeze and much low cloud in the evening. Night cloudy with a breeze. -	66
Sunday, June 21. Longest Day.	.38 .34 .30	N E 2 ENE 2 ENE 1	59	70	78½	Light clouds flying but soon quite clear exceedingly fine still, & very hot, but more wind and cooler breeze. Quite clear all the afternoon & evening, except cirri in curly locks westward. -	63
Monday, June 22. △ ☉ ♄	.17 .06 29.93 .90	E ½ ESE 2 S E 3 & 2. S E 1	56	79	88	Fog early but cleared at 7, excessively hot and clear; Therm^r at 11 am 86°, at noon 88° & so continued till after 3 pm, & at 5 - 82°; very electric groups of small curdy clouds at times in the afternoon, and more electric during even^g, & oppressive heat. Rocky & dark in SW, and west, and much lightning after 9 - in those points. Therm^r at 10 pm - 70½! - and lowest for the whole night 67°! Continual lightning S. W. & N and extremely close & oppressive night.	76!
Tuesday, June 23. New moon 5¾ pm. -	.76 .71 .68 .78	S E 1 S W 2 W 1 WNW 5 4.2. S W 2	67!	64	71	An Arc of dark cloud rising SW at 4 am - it slowly drew on with rain soon after 5. which continued till after 10 am, then fair with flying clouds & sun, little flying shower or two at 1 & 3 pm - more wind and much cooler. - Fine & sunny at 6 pm, but at 7 - a black cloud & heavy storm with lightning & violent Thunder from SW. - afterwards a fine & clear night	59
Wednesday, June 24.	.68 .55 .52	S W 2 S W 2 Var. 0 Var. 1	52½	64	69	Fine & sunny morn^g, cumuli and mixed clouds followed after 8. chiefly fine till noon, afterwards some dark clouds, and little showers about & a few drops here. Bright at 4 & 5 - afterwards heavy clouds with distant thunder N & NE - a little rain here. -	58

JUNE 1846.

The memorable Hot Summer continued.

1846	Barometer	Wind	Thermometer out of doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermom.r at 8 P.M.
Thursday, June 25.	29·60 ·67 ·74	SW 2. SW 4. W 3. WNW 0	52½	61	64	Short but heavy showers between 5 & 6 a.m. sunny forenoon with rocky clouds, scuds, & brisk wind: some dark clouds P.M., and a very hasty shower of hail & rain near 3 p.m. Very fine, calm & bright evening.	57
Friday. June 26.	·85 ·86 ·84 ·84	SW 1. SSW 3 SW 1.	47	64	68	Rather hazy with loose cumuli, followed by showery rain at times. Fine & warm with more sun after 1 pm; but more showery about 4 pm. – Evens fine with much cirrostratus & fleecy cloud above it.	60
Saturday June 27.	·80 ·86 ·88	SW 1. SW 1. WSW 1	58	64	75	Very close and sultry, with haze & cirrostrati during the morng: some dark clouds, & a few drops, but chiefly very fine & hot – more sun & mixed clouds, – gentle wind and very pleasant. Warm & pleasant evens, sun set red in mottled cirrostrati. –	64
Sunday, June 28.	30·02 ·03 ·00	SW 2. SSW 3. SSW 1.	55	67	72	Very fine, warm breeze, and light clouds, followed by dark cumuli and cirrostrati at 11 a.m., more sun & thinner clouds after 1 pm, very fine & pleasant, and the evening the same, dappled & grey clouds & warm breeze. – Close & sultry night.	66
Monday, June 29.	29·92 ·93 ·96	SSW 2 SW 3 WSW 3	61	69	78	Light clouds, and sun, sultry & close, but very fine, bright all day with flying cumuli, and very hot with a brisk wind: Quite clear all the evening, no cloud, but the wind brisk. – Sun-set very brilliant & clear.	65½
Tuesday June 30.	30·02 ·03 ·06	SW 2 WSW 3 4 WSW 1	55	68	75	Quite clear, brilliant sun-rise & brisk wind continued very fine, but windy & many flying clouds, some rocky ones, yet chiefly sunny & hot. During evens some very rocky lines of cloud in NW horizon but chiefly clear & less wind. –	65

Results for the month of June 1846.

Barom.r	Highest on 16th –	30·51
	Lowest on 25th –	29·60
	Range –	0·91
	Mean of month	30·14
Thermom.r	Highest on 7th & 19th	89·5 *
	Lowest is 2nd night	45
	Range –	44·5
	Mean of month	67·525

* At Chiswick, Thermom.r 93° on 19th & 22nd.

The principal winds SE, SW, & E, – depth of rain only ·68 of an Inch, Evaporation 6·62 Inches, and the number of fine days – 26. –

This month will long be remembered as the Notably hot June, and such a continued excess of heat was never before recorded in any June! – Bilious disorders were the consequence, and many who had long lingered in consumption died this month as soon as the great heat came on. – Rivulets, ponds, some springs also – were quite dried up, and grass-lands seared. Garden-fruits very ripe early in the month. – A good hay-crop & well secured. – Several labourers died from the excessive heat about the 19th day!

JULY 1846.

The memorable Hot Summer continued.

1846.	Barometer	Wind.	Thermometer out of doors: lowest	9 a.m.	highest	The Weather and Clouds. –	Thermometer 8 pm.
Wednesday July 1st.	30·13 ·12 ·11	SW 2. WSW 4. WSW 4.	52	67	73	Very fine, & warm, but windy with many mixed clouds, and gleams of sun; more hazy after 4 pm, and the evening close and cloudy with more wind, but very warm. Gentle rain after 10 pm. –	64½
Thursday. July 2nd.	·07 ·13 ·19	SW 2. WSW 3. WSW 2	60	66	74½	Close, with gentle rain till 6 am, soon became fine, but cloudy during forenoon, afterwards clearer, some sun & a brisk warm breeze: more sun & hot during the latter part of the afternoon. Pleasant & sunny evens; – a few small clouds only, & very warm. –	68
Friday, July 3rd.	·28 ·29 ·30	WSW 1. W 2. W 1.	62	71	81	Very close with grey clouds, became clearer after 9 a.m. & very hot: – very bright and no clouds in the afternoon, & extremely hot: The evens delightful, very bright, and sun set in full splendour. – Clear night.	72
Saturday, July 4.	·31 ·27 ·23	W 0. SW ½. SE 1. SE 0. –	55	77	89	Quite clear, no cloud, and scarcely any wind most excessively hot all day, Therm.r at 11 – 86°: at noon 88°. 1 & 2 pm 89°. 4 pm 85°: a little wind from SE. – 5 pm 83½, at 6 – 80°. and slowly fell to 73½ at 8 pm. Quite clear and sun set very red in cream coloured haze. Clear night & light breeze.	73½
Sunday, July 5. * ♂♃ - ☌♀♃ * ♀♂ This is the hottest day – witnessed in England for 38 years past.	·06 29·81 ·75 ·82	SE 1 SE 2 SE 3. S 3. SW 4 3 · 2.	62	86	93	Quite clear & red sun-rise, gentle breeze, and most oppressively hot, no cloud till after 1 pm, Therm.r at 7 a.m 73; at 8 = 81; at 10 = 90; at 11 = 92. at 12 = 91°; at 1 pm 93, at 2 & 3 = 92½; at 4 = 91 at 5 = 89; at 6 = 82; small white curdled and knotty clouds rose all the afternoon from SW, & much rocky cloud also after 3, became black at 5. about the W. & SW. a sudden squall from SW at 5½ pm, and many dark rocky clouds at 6 pm – with thunder very near & a few large drops. Much cooler as it passed to NE on both sides of us, & no great shower here. – Flying clouds and cooler evens & night. –	73
Monday July 6.	·79 ·69 ·55	SW 4. SW 4. S 3.	57	66	74	Wind & sun, with many large flying clouds, & some dark electric mixed ones at 7 a.m. – a few drops fell, but soon fine & chiefly sun large flying clouds continuing. Many distant showers in the afternoon, wind squally & a little flying rain in large drops, but chiefly fine & sun at times: Evens cloudy & rain from 8 pm – in gentle showers all night.	61
Tuesday, July 7	·82 ·94 30·02	W 3. W 4. W 1.	56	60	68	Cloudy more or less with little gleams of sun, and brisk wind, the clouds dark and of mixed kind. Evens less wind & less cloudy: – very fine and pleasant. Cloudy and close night. –	60
Wednesday, July 8. Full moon 11 pm	·02 ·00 29·94	SW 0 S 1. SE 2.	55	62	66	Hazy & calm, cloudy & little rain 8½ a.m; the day chiefly fine, but much cloud of mixed kinds – often inosculating with a very little rain: close night and a little rain at times.	62
Thursday, July 9.	·85 ·82 ·80	S 1. SSE 1 SSE 0	59	67	71	Very sultry and cloudy but chiefly fine till 5 pm, then a little shower and sun gleaming, soon clearer and very warm. Calm evens with heavy rocky clouds, and sun between. – Sultry night. Much distant lightning at 9 & 10 pm – Southward. –	65

July 1846.

The memorable Hot Summer, continued. —

1846	Barometer	Wind	Thermometer out of doors: lowest	9 a.m.	highest	The Weather & Clouds	Thermometer 8 pm
Friday, July 10. * ☿ ♃ ☌ ☿ ♂	29·91 ·97 30·11	SW $_{1/2}$ W $_{0}$ NNE $_{1}$	59	68	72	Bright morns, many electric clouds, & large rocky ones very rugged & beautiful. Continual thunder all the middle of the day, & at 12 it was loud & near – and very black Westward. A heavy shower soon after, and very showery all the afternoon. The wind round NW to NNE at 3 pm. —	59
Saturday July 11.	·20 ·23 ·26	W $_{1}$. WNW $_{3}$ NW $_{2}$. & 1.	50	66	72	Clear morning; continued bright & fine, with small cumuli clouds; continued fine but more clouds & wind. very pleasant and warm: Evening and night rather cloudy, and wind less. —	63
Sunday, July 12.	·24 ·20 ·20	WSW $_{1}$ WSW $_{3}$ W $_{1}$.	53	67	78	Clear morns. continued bright with small cumuli & curdled clouds with cirri, followed by more wind after 10 a.m: but a very hot and bright afternoon, rather less wind, and small knotty cumuli. Evens beautiful, and a very gay & electric sky, mixed clouds, curdled and knotty, & some like elongated locks of wool, – and very red after sun-set. —	71½
Monday, July 13.	·21 ·17 ·11	W $_{1}$. W $_{0}$. SE $_{1}$. SE $_{0}$. & 1.	60	68	82	Very fine & close, thin haze & exceedingly sultry, cleared slowly & became bright and very hot after 11 a.m, cloudy again at 1 pm but oppressively hot, and after 2pm again clear. wind veered but extreme hot as before. Very sultry & hazy all night.	70
Tuesday, July 14.	29·90 ·82 ·85	SE $_{1}$. S $_{3}$. SW $_{2}$. W $_{2}$.	61	76	88	Exceedingly sultry & hazy: distant thunder clouds in the N. 8 a.m, clearer after 8. but very gay and electric, and extremely hot: a hot breeze at S, & veering to W. After 5pm very dark and continual Thunder SW & W. all the evens: Therm 7 pm – only down to 76°. some heavy drops. but more in the West, and a thunder-storm passed across the North very near this place – curved lightning & loud thunder. — fine night after 8 pm. —	71
Wednesday, July 15.	30·02 ·04 ·05	W $_{2}$. W $_{3}$. W $_{0}$.	59	72	78	Very fine, and sunny, light clouds, and fresh breeze; beautifully pleasant and gentler heat. more clouds in the latter part of the afternoon, but thin & light. Evening calm, lovely and very warm. very light grey clouds, & gleams of sun.	69
Thursday July 16.	29·91 ·80 ·67	SSW $_{2}$. SW $_{3}$. SW $_{2}$.	60	70	72	Flying clouds & some sun, with a sultry air; chiefly cloudy & some very dark clouds with a sultry breeze, but fine till 9 pm, then rain for about two hours, afterwards fine. —	65
Friday, July 17.	·50 ·55 ·60	SW $_{3}$. W $_{4}$. W $_{2}$.	58	65	72	Bright with large rocky cumuli, but fine with a brisk wind; some small showers at a distance after 1pm: a few large drops here at 6½ pm; evening in part cloudy. —	62
Saturday, July 18.	·57 ·43 ·57	S $_{3}$. SW $_{5}$. WSW $_{4}$.	53	60	73½	Morning cloudy with light flying rain at times till after 10, then bright and very windy, but warm, a flying shower of large drops 1 pm. then again fair & bright, but galy and clouds flying. very red & gay in West & NW – 8 pm.	63

July 1846.

The memorable Hot Summer, continued.

1846.	Barometer	Wind.	Thermometer out of doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermometer 8 pm
Sunday, July 19.	29·70 ·83 ·97	SW $_{4}$. SW $_{3}$. SW $_{1}$.	54	63	73	Gentle rain early in the morng, fine after 5 a.m, sun & flying clouds, and more wind: very fine & hot afternoon, rocky clouds and sun. Dappled & electric in the evening & still sunny with less wind. —	65
Monday, July 20.	30·01 ·05 ·12	W $_{1}$. NW $_{2}$ W $_{1}$, WSW $_{1/2}$.	58	67	79	Very fine with mixed clouds in the morng became clearer after 10, very sunny and hot day with rocky clouds. Close eveng, less wind & very gay sky. Red ragged clouds about the setting sun. —	68
Tuesday, July 21.	·29 29·98 ·96	SW $_{2}$. SW $_{5}$. SW $_{4}$.	56	66	74½	Cloudy & gay but fine & close: bright at times in the day, but the wind squally & many heavy clouds, a little flying shower at noon. – very close & warm although windy. another flying shower 5 pm, and in the South very black just before 7. – Cloudy night, but fine.	64½
Wednesday, July 22.	·95 30·01 ·08	WNW $_{4}$. W $_{3}$. W $_{1}$.	59	66	75	Cloudy morng – a driving shower for 15 minutes about 7 a.m – then cleared off to a bright and windy forenoon, & cumuli flying: the afternoon the same – evens close, less wind, and clouds rather electric. —	66
Thursday July 23.	·04 29·99 ·95 ·98	SW $_{2}$. S $_{3}$. SSE $_{4}$. SSW $_{2}$.	58	70	82	Very fine & close with light cirrostrati & dappled clouds. New moon 8 a.m: – soon became clearer, very fine & extreme hot with dappled clouds, white cirrostrati & brisk wind, sun mostly bright & more so after 1pm. – Sultry evens, and in the NW from 8 to 10 pm. beautiful serrated cirrostrati. small rocky heads regularly divided & resting upon a plane line of cloud. very electric barred & knotted. Sky clear upward & large red meteors fell to SSW. —	72½
Friday, July 24.	·95 ·92 ·97 30·01	S $_{1}$. SSW $_{1}$. WNW $_{3}$. WSW $_{1}$.	61	74	82	Chiefly bright with very electric clouds in bright knotty flocks all the forenoon, and extremely hot, but at 1pm a sudden wind and strong haze followed by cloudiness & after 4 pm – gentle rain: Thermometer fell much in a short time after 1pm. fast rain till near 6 pm – & a little at times till near 8: then fine & a deep red curdled sky on all sides. —	61
Saturday, July 25.	30·10 ·12 ·16	WSW $_{1}$. W $_{3}$. W $_{2}$.	56	67	77	Clear very fine morng – and bright & hot forenoon & till after 1pm, with very rocky clouds: more rocky & electric ones in the afternoon, and two short showers of very large drops with some hail from small clouds, and sun shining: very fine again & bright but some distant storms in the evening. – Fine night.	62
Sunday, July 26.	·24 ·27 ·31	W $_{2}$. W $_{2}$. WNW $_{0}$.	54	68	77	Clear & very bright morng; very fine sunny day and very hot, with many rocky-headed electric clouds – intersected by fine cirrostrati. Calm, close, and beautiful evening. – Night nearly overcast with a thin haziness, and very sultry and close. — Clouds upper NW, lower SW.	66

N.B. The unusual heat and beauty of this summer is a matter of note. —

JULY 1846.

The memorable Hot Summer, continued.

1846.	Barometer	Wind	Thermometer out of doors: lowest	9 a m	highest	The Weather & Clouds.	Thermometer 8 pm.
Monday. July 27.	30·30 ·29 ·32	SSW 1. SW 2. SW 1.	59	65	77	Hazy & very close, thin low clouds and light misling in the forenoon: after 11 fine, at times clearer with a little sun, and wind, but very hot. Evens exceedingly sultry, less wind & many cirri and cirrostrati all very red after ☉ set.	71
Tuesday July 28.	·35 ·37 ·35 ·31	Var. 0. SW 1. SSW 0. SE 1.	66	75	81	Oppressively sultry all the night past and this morng; cloudy more or less all day, and little or no wind, excessive hot & sultry very little sun gleaming: Evening more wind & grey curdled clouds, but still exceedingly sultry. —	72
Wednesday. July 29.	·27 ·23 ·22	SE 1 SE 2. E 1.	59	76	84	Chiefly clear, some cirri followed by cumuli & excessively hot; afternoon nearly clear, cirri only, very bright, and oppressive heat: close evens but a breeze continuing; red sun-set. 10pm - clear afterwards foggy. — Very hot night.	71
Thursday, July 30.	·17 ·17 ·22	E 1. E 3. ENE 1.	64	81	86	Fog early, soon clear & very bright from 5 am - and excessive heat, 7 am 72°, 8 am 76° 9 - 81°; before 12 - 86°. and so continued till about 2pm - then slowly declined, but still very bright & a fresh breeze. Clear evens, & splendid orange sun-set.	72
Friday, July 31.	·17 ·13 ·12 ·12	NE 2. ENE 3. E 2. E 2. & 1. —	63½	81	87	Somewhat foggy & low thin clouds early but exceedingly hot & close all night & morng: cleared at 6 - very bright and oppressively hot; 7 am 72°, 8 am 76°, 10½ am 85°, 11 am 86°, before 1 pm 87° - and near the same at 2, then slowly fell, but at 5 pm - above 80°! some cumuli in the mid-day which settled in the West, & no clouds from 3 to 5 pm. - Cirri in the evens and very red with setting sun, otherwise a clear sky. — Very distant lightning. -	71

Results for July 1846. —

Barom^r: Highest on 28th 30·37
Lowest on 18th - 29·43
Range — ·94
Mean of month 30·032

Therm^r: Highest on the 5th 93°*
Lowest on 11th am - 50
Range — 43
Mean of month - 67·903!

* At Chiswick on 5th 95°!

Fine days 24 - Rain only 1·79 - Evaporation 6·50, and the prevailing currents from West and South west. —

This month proved as notable as the preceding one for the continued excessive heat beyond the Climate of England, and such a summer is not on record. Harvest began early in the month and many have nearly ended their corn-field toils. Much of the Wheat is good, but other produce failing from drought. - Considerable sickness from bilious disorders, the action of the liver being greatly affected by the extraordinary heat of the air for so many weeks! -

AUGUST 1846.

The memorable Hot Summer, continued.

1846.	Barometer	Wind.	Thermometer out of doors: lowest	9 a m	highest	The Weather & Clouds.	Thermometer 8 pm.
Saturday. August 1st.	29·98 ·95 ·91 ·88 ·92	E 2. E 3. E 0-&2 SW 3. W 3. Var 0. All the storms rose SE and passed Northward, but the wind veered about as above during the time.	64½	79	91	Very foggy till after 6 am, & excessively sultry; became bright after 8, and the heat oppressive, some small electric clouds rising SW & crossing the lower breeze; 10 am - Th^r 86°, and at ¼ to 12 - at 90°, some dappled arcs of clouds from S, continuing all the afternoon, 1 pm 91° then slowly falling, 4pm 86°, very distant thunder-cloud on South horizon; 5 pm 85°: at 6 - 84°, at 7 - 80°, 8 - 78½, & at 9 - 75! - Extreme sultry heat, and black in the south from 6 pm. Thunder heard at 7, and vivid lightning and very loud thunder from 8 till after 11, and heavy rain between 9 & 10, the lightning of many colours and in beautiful curved lines and varied forms. continued incessant till midnight. the night oppressively hot. lightning distant after 12.	78½
Sunday. August 2nd. * ☿ ♀	29·88 ·92 ·97 30·00	E 0. SE 2. SW 2. chiefly S 1. SE 1.	66	79	83	Clear except small bright knotty cumuli, and exceedingly hot during the morng. Therm^r 83 a little after 10, became black in S, & SW with a distant thunder-storm there, and at 11 very near us passing to West: afterwards less hot, blue haze & low clouds; evens clearer from 4 pm, small electric clouds in 2 currents SW & E. the latter above. Red sky at sunset.	72
Monday, August 3. * ☉ ♃	·03 ·06 ·09	SE 2. SSE 4. S 3. S 1. -	60	72	81	Many mixed clouds during the morng followed by a short flying shower 8½ am - afterwards very fine, bright & very hot, with rocky cumuli & brisk wind; - Evens very hazy & streaked about West - & a coloured Parhelion N of Sun at 7, afterwards cloudy & close. — Little wet 9 pm.	70
Tuesday. August 4.	·12 ·13 ·11 ·10	Var. 0. SW 1. & 2. SSE 1.	62	70	77	Close but fair, mixed clouds inosculating with a little rain at 11 am - soon clear, & a bright & very hot afternoon. close evens - many electric clouds, and red sky. Closer night, fog and electric.	69½
Wednesday, August 5.	·09 ·11 ·08	Var. 0. Var. but chiefly E & ENE 2. E 1. All the storms this day came on at SW & W. opposed to the E wind below. NE 1.	63½	67	72½	Close & sultry morng, became black in beautiful streaked Arcs about west, followed by continual thunder & lightning more or less distant & at times near. with a succession of very heavy rain till about 3 pm: the thunder continued 8½ hours - & was very violent to the SW. After 4 pm finer with sun, and a very serene, close & dappled evening; — sun red.	69½
Thursday, August 6.	30·02 ·00 ·02	NNE 2. ENE 1. ENE 1.	64	78	84½	Clear except thin scuds, & flocks of dappled cloud, and oppressively hot, a small and thin nimbus in NE, 10½ am, with rocky head and several knotty electric clouds Eastward middle of the day quite clear & excessive hot. and the same till sun-set, afterwards foggy, & the sun set red. — Very sultry night.	72
Friday, August 7. △ ☉ ♅ Full moon 6. a.m.	29·90 ·87 ·86 ·88	Var. 0. W 1. W 1. W 0.	66	72	82	Thick fog till 8, and cloudy till 10, excessive sultriness all the morng, became very bright and very hot, but rather less so after noon hour. no cloud in the afternoon. Evens clear, sun set red in a dusky haze. A very distant thunder cloud on WSW horizon. - Extremely hot evens more so than the day, very little under 74 at 8 pm - & at 9 - 71½. — Evidently a thunder-storm going on in the midland Counties to night.	73½

The continual excess of heat is beyond all precedent night and day alike! —

AUGUST 1846.

The memorable Hot Summer, continued.

1846.	Barometer	Wind.	Thermometer out-doors. lowest	9 a.m.	highest	The Weather & clouds.	Thermometer 8 pm
Saturday, August 8.	29·88 ·87 ·90 ·91	SW 1. SW 3 SW 3.	66	70	78½	Exceedingly sultry all the past night cloudy & cooler after 6 this morng but clearer after 10, very fine, and hot, although less so than of late, pleasant breeze, rocky clouds & sun. Dark clouds in the eveng & warm breeze.	68
Sunday. August 9.	·99 30·04 ·12	SW 3. SW 3. SW 1.	60	69	74	Cloudy with wind, & a little wetting at 9 a.m; less cloudy, & fine with a little sun at times: very fine & pleasant afternoon, light grey cumuli & sun, with a brisk wind. - Eveng close, less wind and mottled sky. -	67
Monday, August 10.	·18 ·14 ·15	SW 2. SW 2. & 1. SW 2.	61	67	75	Very fine with light grey clouds & little sun: clearer, thin clouds, blue haze, and hot afternoon, again more cloudy after 4 pm & in the evening. - Fine night some clouds & wind.	66
Tuesday, August 11. 8 ☌ ♄	·17 ·19 ·22	WSW 2. W 3. W 2.	58½	70	75	Light clouds & wind but very fine: chiefly bright and more so in the afternoon, pleasant breeze & cumuli, but still hot; Eveng close, and rather curdled, but very fine, and exceedingly pleasant.	67
Wednesday. August 12.	·20 ·22 ·20	W 1. WNW 1. Var. 0 SSE 1.	59	67	78	Cloudy but thin & very fine & warm soon clearer, continued fine, chiefly bright with cumuli & very hot. - Some dark combeting clouds at 6 pm westward - but clear eveng, & rosy sun-set. Many meteors at night.	67½
Thursday, August 13.	·02 29·82 ·73 ·84	S 2. S 4. SW 3. W 3. W 5.	59	70	72½	Very gay, dappled & electric, but the morng chiefly sunny & hot, fine and windy forenoon, haze & mixed clouds, stormy after 1 pm - driving showers & squalls of wind; a very heavy storm of rain 5 pm, and wind veered at its close - thunder Eastward after it had passed over. Eveng fine & clearer. -	60
Friday, August 14.	30·02 ·08 ·12 ·09	WNW 1. NW 0. Var. 0.	55	67	74	Very fine & wind less, became very sunny, bright & hot day with cumuli & scarcely any wind. Exceedingly pleasant. evening close, no wind, some dappled cirrostrati, but chiefly clear and a warm night.	63
Saturday, August 15.	29·97 ·86 ·85 ·88	SSE 2. SSE 3. S 1.	56	75	82	Very fine morng, & many bright trains of knotty electric clouds, very bright forenoon & very hot, and the afternoon the same but more clouds after 3 pm - much curdled & electric. Very sultry eveng, dark clouds & a little rain: - but again fine & curdled after 9 pm.	70
Sunday, August 16.	·92 ·95 30·00	W 1. W 2. WSW 0.	57	70	74½	Quite clear from before sun-rise till after 8, cumuli & rocky cumulostrati followed, but very fine all day & hot: afternoon close & curdled & eveng the same - and no wind: exceedingly pleasant.	66½

AUGUST 1846.

The memorable Hot Summer, continued.

1846.	Barometer	Wind.	Thermometer out of doors. lowest	9 a.m.	highest	The Weather & Clouds.	Thermometer 8 pm
Monday, August 17.	30·02 29·99 ·94	SW 0. SW 2. SSW 1.	59	70	74	Exceedingly fine, & close morng, curdled and but little or no wind. chiefly bright in the forenoon & very hot, but in the afternoon hazy & more clouded, still very fine and pleasant. eveng close, and a very gay electric sky, with a red sun-set.	66
Tuesday, August 18.	·73 ·74 ·72 ·71	S 2. S 3. SSE 5.	63	65	73	Red sun-rise & black in SW, clouded and hard rain from 7½ to 8½ a.m; afterwards fine with sun & cumuli; very pleasant afternoon, chiefly sun, and many cumuli & mixed clouds, became stormy after 8 pm, with a stiff gale SSE, and dark lowering sky. -	62
Wednesday, August 19.	·69 ·73 ·82	SW 3. W 3. W 4. 3. NW 4. & 2.	58	63	70	Cloudy & windy, rocky nimbi and driving showers: - finer between 1 pm & 4 pm, then black in NW, & a succession of heavy showers till 6 pm, concluded by a very heavy one, with lightning & violent thunder - very near, & to SE: finer eveng. vivid lightng eastward.	61
Thursday, August 20. 8 ☉ ♄	·95 ·92 ·89	NW 3. NW ½. W ½.	58	65	66	Cloudy more or less, and a fresh breeze, but fine during the forenoon: after which a steady rain all the afternoon from 1 pm: very little or no wind since 2 pm. - Continual gentle rain all the evening, - and at times all night.	61
Friday, August 21.	·84 ·95 30·08	N ½. N 3. N 3.	59	65	73	Some rain till 8 a.m - afterwards fine & more wind, hot sun, & large rocky clouds with some electric vapour on their heads. A little flying shower or two in the eveng. Close night. - **New moon 11 pm.**	63
Saturday, August 22. ☌ ☿ ☌	·12 ·18 ·21	N 1. N 2. N ½.	60	67	69	Cloudy, close, & sultry morng, continued more or less cloudy, but not so warm as the morng: - very fine & pleasant little gleams of sun, but after 4 pm became a bright eveng, and the sun set clear & deep red. - A curdled train cloud upward from N to S. - Clear night.	61
Sunday, August 23. * ♃ ♅	·22 ·25 ·26	NW 1. N 0. NE 1. N 0.	55	65	70	Chiefly cloudy & close, a little misling at 8 a.m, but finer afterwards, some sun and dark clouds, but very warm - continued cloudy, & the evening the same, and very little wind: sometimes none. -	63
Monday, August 24.	·29 ·32 ·34	N 1. NE 2. NE 1.	60	65	67	Very cloudy, close and sultry, continued cloudy more or less but cooler, and a little rain at times soon after 1 pm. - Evening in part clouded, & red about west, but fine. - Clear at 9¼ pm, afterwards clouds again. -	60
Tuesday, August 25.	·33 ·34 ·34	N 2. NE 2. NE 1.	54	62	69	Cloudy more or less; and a little rain at times: finer with some intervals of sun during the afternoon, but the evening much clouded & showery. a very unsettled & watery sky. - Singularly dripping weather with a high Pressure still.	59

August 1846.

The memorable Hot Summer, continued.

1846.	Barometer	Wind.	Thermometer out of doors. Lowest	9 a.m.	Highest	The weather & Clouds.	Thermometer 8 pm.
Wednesday, August 26.	30·30 ·28 ·27	NE 1. NE 2. NE 2.	57	64	70	Cloudy with gleams of sun, very fine & warm & more sun in the afternoon: bright evening, some dappled arcs of cloud red with the setting sun, and the sun set clear, and deep orange color. — Upper air all day from SE, & lower from NE. —	61
Thursday, August 27.	·18 ·15 ·13 ·14	NE 2. NE 3. ENE 1.	58	70	76	Close morning, light scuds and sun, became bright & very hot with loose cumuli flying: — clouds smaller & fewer in the afternoon & more electric. Many red cirri in the evens, but chiefly clear. —	64
Friday, August 28.	·12 ·12 ·13	ENE 1. E 3. E 2.	60	71	77	Fog early, but clear after 6 a.m., very hot & beautiful morng: and the day very bright and hot, with many small knotted cumuli, and at sunset, cirri in tufts; very sultry all night and some small black clouds.	64½
Saturday, August 29.	·10 ·10 ·15	NE 2. NE 1. NE 0.	63	67	74	Very sultry with dark rocky clouds all the morng, followed by short but heavy showers & hot sun between, and the clouds very rocky & beautiful. — Fine after 1 pm, and very hot sun at times & bright evens. — A very brilliant Parhelion to the South of Sun at 6¼ pm. Clear evening at 9 & 10 pm.	63
Sunday, August 30.	·22 ·27 ·31	NE 0. NE 0. ESE 0. ½	58	64	76	Cloudy, but soon clearer, & from 10½ a.m., a very fine bright day, and very hot with no wind: cumuli very rocky and beautiful. — Calm & close evening & blue hazy clouds in the cirrostrative form, but at 9 pm clear.	65
Monday, August 31.	·32 ·30 ·27 ·29	E 0. SE ½. SE ½.	54	66	76	Thick fog till near 8 a.m.; slowly cleared off, & after 11, became bright and very hot, and no wind, some very black clouds in the afternoon, but still very hot. The clouds passing against the under current. — Close evens, and dark clouds. —	66

Results for August 1846. —

Barom.r	Highest on 24th & 25th	30·34	Thermom.r	Highest on the 1st	91°
	Lowest on 19th	29·69		Lowest early on 25th & 31st	54
	Range	·65		range	37
	Mean of month	30·064		Mean of month	67·548.
				At Chiswick on the 1st Therm.r	92°.

Fine days 22, depth of rain 2·95. Evaporation 3·84 inches — The winds much divided but mostly NE, & from SE to W. —

This month was a continuation of intense heat, on the whole quite equal to the previous two months, surpassing any summer before recorded in England. Harvest ended by the 15th.

Bilious disorders prevalent from the heat of the summer. —

September 1846.

The memorable Hot Summer, continued.

1846.	Barometer	Wind.	Thermometer out of doors. Lowest	9 a.m.	highest	The Weather & Clouds.	Thermometer 8 pm.
Tuesday, Septr. 1st.	30·33 ·37 ·40	NW 2. NW 3. N 2.	61	65	69	Cloudy but very fine and sultry, all the morning, — mostly cloudy with sun at times in the day, the clouds looking watery, but fine, and a rosy sun-set. Night cloudy at first, afterwards clear.	60
Wednesday, Septr. 2nd.	·40 ·41 ·42	NE 0. NE 1. NE 0.	56	65	73	Quite clear and so continued except a few small cumuli in the forenoon. — Afternoon quite clear & hot, wind very little or none: clear evens and a brilliant sun-set: the moon also very bright afterwards. —	59
Thursday, Septr. 3rd.	·42 ·39 ·40	NW 0. Var. 0. E 0 & ½. E 0.	49	64	75	Quite clear, except a little fog below; exceedingly fine & bright all day, and very hot, no cloud & no wind. — Sun set clear orange colour, a few low clouds then but soon again quite clear, moon bright, & a most lovely night — great mist on the vales. —	61
Friday, Septr. 4.	·39 ·34 ·35	ENE 0. E 2. E 2.	49½	66	75	Fog early, but soon clear, very fine & hot, chiefly bright all day, but some rocky cumuli & more wind, still very hot. Fine & close eveng, some light clouds but clear ☉ set, & bright moon. — Foggy night, but moon visible. —	62
Saturday, Septr. 5. Full moon 1¼ pm.	·30 ·28 ·25	E 1. E 2. E 1.	56	70	77	Fog early, but very hot, and more so as it became bright & so continued all day with small electric cumuli. Sun set in full glory & there had been no cloud for several hours before. — Moon as brilliant afterwards. fog after 10 pm. —	63.
Sunday, Septr. 6.	·15 ·12 ·10	E 1. ESE 2. ESE 1.	57	72	85	Heavy fog & the trees dripping, became bright after 8, and continued very bright all day & excessive hot, and a gentle breeze at times. Very distant thunder clouds Westward all the afternoon, Thermr 80° before 11 a.m., & from 12 to 2 pm generally from 83° to 85°. 5 pm 76° and at 7 pm 70°. A rocky cloud on SE horizon from 4 pm & lightning there after 8 pm. Beautiful curdled sky & moon between.	67
Monday, Septr. 7. □ ♂ ♃	·07 ·05 ·05 ·06	SE 0. Var. 0. S 0. SSE 1. SE 1.	57	74	85	Foggy till after 6 a.m. — became very bright and excessive hot, and so continued, but with many very rocky cumulostrati & mixed electric clouds. Most oppressive heat & no wind till near 5 pm. — Thermr about 84° & 85° for 2 hours till 3 pm. — Mottled & gay all the evens, and exceedingly sultry. 5 pm 78° & 7 pm 72°. —	69
distant lightning 8 pm in West.							
Tuesday, Septr. 8. □ ☉ ♃	·04 ·10 ·16	SW 2. SW 3. SW 0.	61	71	77	Hazy with lofty thin clouds & very sultry, cleared after 8, more wind & scuds with sun, very fine & very hot, but a frequent blue haze & thin clouds: Evens very hazy & sun set deep salmon-colored. very distant lightning in SE. —	67
Wednesday, Septr. 9.	·18 ·21 ·27	SE 0. SE 0. Var. 0	54	66	73	Morns foggy, but soon clearer, yet chiefly cloudy with mixed electric mottled arcs of cloud: little sun, and very sultry. Evens also sultry with dark rocky banks of haze: — & lightning in SE.	66

September 1846.

The memorable Hot Summer, continued.

1846	Barometer	Wind	Thermometer out of doors: Lowest	9 a.m.	Highest	The Weather & Clouds.	Thermom 8 pm.
Thursday, Septr. 10. ☌ ☉ ♂.	30.38 ·43 ·49	NW ½ NE 2. NE 1.	62	68	76	Much dark haze, & very sultry, but become clearer; very fine & very hot day gentle wind & light clouds, but often bright. — Evening much clouded, and exceedingly close. —	66
Friday, Septr. 11.	·52 ·52 ·50	NE 1. ENE 1 ENE 1	64½	69	78	Cloudy but thin, and excessively sultry; slowly cleared about noon, bright after-noon & very hot with scuds & dappled sky, but a little cooler breeze: Lovely eve-ning, sun set clear & deep orange tint. Cloudy at 8, but clear at 9. —	66
Saturday, Septr. 12.	·51 ·51 ·52	NE 1 NE 2. NE 3.	56	67	77½	Very fine but cloudy all the morning, clearer after 12, very hot and mostly bright all the afternoon; evens cloudy more wind & a little wetting about 8 pm, afterwards clear. —	63
Sunday, Septr. 13.	·48 ·46 ·43	NE 3. NE 3. NE 3.	54	64	70	Cloudy more or less during the morng, but very fine, and in the afternoon chief-ly sun, and light clouds. — Evening more clouded, and more wind, and the night the same.	61
Monday. Septr. 14.	·40 ·37 ·39	NE 2 NE 1. NE 0.	58½	66	71	Cloudy with a light rain a short time in the morng, soon fine & bright with rocky clouds, evening and night clear and calm, and more dewy. Some meteors passing to Southward in the evens. —	62
Tuesday, Septr. 15.	·37 ·35 ·36	Var. 0. SE 0. NW 0. ESE 0.	52	67	78	Exceedingly fine, grey clouds & sun, & became very hot as day opened. — Curdled & close afternoon, sun at times, no wind & extremely hot, most de-lightful weather. Evens excessively hot & close, lofty curdled clouds & no wind.	67
Wednesday, Septr. 16.	·34 ·32 ·30	Var. 0. SW 0. SSW 0. SSW 0.	56	65	77	Fog till after 8 then slowly cleared off, exceedingly fine, very bright, and very hot, with little or no wind. Some small cumuli after 2pm. Sun set red in a blue haze. Cloudy & electric at 7 pm, af-terwards clearer, & very warm. —	66
Thursday, Septr. 17.	·20 ·12 ·10	W ½. W 1. 2. WNW 1.	57	69	79	Hazy & foggy but soon bright with electric knotty cumuli & cirri, and extreme hot, very hazy after 2pm, & a slight halo: — The evening chiefly hazy, but rather cooler than before. — Very parching weather.	63
Friday, Septr. 18.	·04 ·07 ·04 ·07	NE 2. ENE 3 ENE 0.	54	64	71	Loose cumuli & sun, with a fresh breeze; much cooler, but very fine & sunny day, a mixed kind of clouds after 1 pm. some flimsy cirrostrati, but still bright. Clear & calm evens & cooler than any since May 21st. — Clear night.	55
Saturday, Septr. 19.	29.97 ·86 ·83	Var. 0. SE 0. S 0. 1. Var. 0.	43	62	71	Morning chiefly clear & much cooler but soon warm & pleasant, very fine & calm day, grey mixed clouds, and very warm sun. — Some long & dark cirrostrati in the west after sun-set. ☞ The exceeding fineness of the weather for many months past is remark-able. —	56

September 1846.

The memorable Hot Summer, concluded. —

1846.	Barometer	Wind.	Thermometer out of doors: Lowest	9 a.m.	Highest	The Weather & Clouds.	Thermom 8 pm.
Sunday, Septr. 20.	29.68 ·67 ·70	E 1. E 3. E 1.	46	63	72	Fine sunny morng, much dappled, gay, and electric; continued very fine, bright and hot, with many small electric clouds: New moon 3½ pm. — Evens, streaked & gay sky, & less wind.	57
Monday, Septr. 21.	·75 ·79 ·82	E 3. E 3. E 1. —	54	63	72	Cirrostrati, scuds, & wind, with a little rain 6½ am; soon became quite clear — very fine, bright and hot with curdled sheets of cloud. — Arcs of dappled cloud all the evens from E to W, but clear sun-set, and brilliant Aurora Borealis 8 pm and after, which continued all night.	56
Tuesday, Septr. 22. □ ☿ ♃	·85 ·87 ·83	E 1. E 3. ESE 2.	50	63	69	Exceedingly fine & clear, except at times some curdled sheets of light cloud, and a very parching wind as yesterday; More hazy with cirriform clouds about the setting sun. —	58
Wednesday, Septr. 23.	·62 ·60 ·58	SE 3. S 3. SSW 2. SSW 2. S 1.	57	67	71	Autumnal Equinox at 10½ a.m. — Many dark cirrostrati, wind & heavy showers from 5 am, & very warm: at 11 am. another very heavy storm of rain in which the wind came round to SSW. very bright & hot sun from 12 noon till 2pm. afterwards heavy clouds & a hasty shower at 3, and thun-der in SW & W. — Clear evens. vivid flashes of lightning Eastward. —	62
Thursday, Septr. 24.	·46 ·58 ·68	NW 2. WNW 2 W 3. WSW 3.	55	60	66	Continual heavy rain from 4 am. till af-ter 10 am, then gentle till near noon; be-came fine & a little gleam of sun, again rain in showers at 1 pm. & continued showery & little sun. Evens fine. with many clouds and distant lightning Eastward. —	57½
Friday, Septr. 25.	·82 ·88 ·93	W 3. W 3. WSW 1.	56	60	70	Flying cumuli & sun with brisk wind very fine & pleasant: continued so the whole day, and the evens chiefly clear, rather dappled & less wind. The night chiefly fair. —	59
Saturday, Septr. 26.	·90 ·84 ·83 ·85	SSE 1. SSE 4. S 3.	54	62	67	Much cloud, plane cirrostrati & mottled beds with haziness. — Clearer after 12 — many gay mixed clouds, wind & sun. A very little flying rain in the evens, but very fine after 7. & stars bright at 8 & after. — A little wet during night.	60
Sunday, Septr. 27.	·81 ·89 ·92	SW 5. SW 4. SW 2. & 1.	56	61	67	Bright sun; cirri, scuds, & wind, but very pleasant & fine all day. somewhat hazy from 1 pm — & a halo. yet clearer again after 4 pm. Evens very fine. wind less, & at 8 pm. quite clear, — but rather hazy. rain after midnight. —	58
Monday, Septr. 28.	·72 ·67 ·64	SE 1. S 1. S 1.	53	61	62	Hazy & gay, but bright till 9 — then more hazy & cloudy, dark & rainy at times in thin scattering showers, but chiefly fine although very hazy & cloudy. Evening still hazy and some dark & raggy clouds. —	56

September 1846.

1846.	Barometer	Wind.	Thermometer out of doors: Lowest	9 am	Highest	State of Weather & Clouds.	Thermom 8 pm.
Tuesday Septr. 29. ☌☿♂; □♀♃	29·58 ·54 ·61	S 1. SSW 2. SW 0.	46	57	64	Clear morns, but stormy appearances at a great distance, fine & pleasant sunny day - but many distant storms Southward & some Northward: and very red rocky, nimbi about the SE at 5 & 6 pm. Very clear & cool evens, moon & stars bright.	51
Wednesday. Septr. 30.	·72 ·81 ·93	NW 0. NW ½. Var. 0.	42	55	65	Quite clear and great dew; very fine and bright day, no wind, & but but few clouds - & those were rocky cumuli. Evens quite clear, moon very brilliant, & mist on the vales. -	51

Results for the lovely September of 1846. —

Barom r	Highest on 11th & 12th	30·52.
	Lowest on 24th	29·46
	Range	1·06
	Mean of month	30·086
Thermom r	Highest on 6th & 7th	85°
	Lowest early on 30th	42
	Range	43
	Mean of month	63·483!

Fine days 28, Prevailing winds Easterly: Rain 1·52, & Evaporation 3·26.

This proved another exceedingly fine and hot month, constituting a very long summer, and most of the month was even still finer than the previous, although they were remarkable fine. The state of the fields and gardens up to the 23d day, was beyond any thing in memory for dryness, and the effects of the heat were more apparent now than in August, owing to a second period of drought since then. Bilious complaints continued as before, and other disorders prevailed especially Glandular swellings in the throat &c. The Hops, Grapes and blackberries unusually fine and abundant - hips & haws scarcely to be found in the Southern Counties; but here in Suffolk hips abound, yet haws are scarce. - Apples are almost a general failure, and where there are any a greater part rot on the trees or become rotten soon after being plucked. — The field-walks all this summer even to this time have been surpassingly delightful to us, and the year 1846 will never be forgotten by those who witnessed its loveliness!

October 1846.

1846.	Barometer	Wind.	Thermometer out of doors: Lowest	8 am	Highest	State of Weather & Clouds.	Thermometer 8 pm.
Thursday, Octr. 1st.	30·05 ·05 ·06	SW 1. SW 1. SW 0.	42	52	68	Exceedingly fine, misty below & curdled above, soon very clear & hot, but more curdled & hazy after 3 pm. - Close evens gay & hazy, and no wind. - Very beautiful night: - mild and thinly clouded.	57
Friday. Octr. 2nd.	·00 29·86 ·82	SSE 1. SSE 1. S 1.	52	58	64	Cloudy & close, but very fine; continued very hazy & thick with lowering clouds, but fine till 4 pm & very close. - Rain soon after 4, and at times all the evening, and very sultry air. -	61
Saturday Octr. 3rd.	·76 ·83 ·94	NW 2. NW 3. 2. NW 0.	56	57	65	Rain till after 7 am, became fine & clear except small clouds, very fine & sunny afternoon, and very pleasant with a drying breeze. - Evening quite clear, sun set in full splendor, and the moon very brilliant after. - Cold dewy night.	50
Sunday, Octr. 4.	·92 ·85 ·80	ESE 0. SE 3. 1-2. SE 3.	40	50	64½	Quite clear, heavy dew, but soon much warmer, very fine, sunny & pleasant, brisk wind with streaks of haze and much cirri. some mottled beds of cloud also, and more hazy after 4 pm. - Streaks of thin cloud from SE to NW all the evens. Full moon 10 pm.	57
Monday. Octr. 5.	·66 ·63 ·60	SE 4. SE 4. SE 4.	56	60	66	Very warm & close, windy & lowering: chiefly cloudy till 1 pm, afterwards clearer, bright & very warm, drying wind & flying clouds. Windy evening, dry and warm, dappled above & scuds below, with moon between.	61
Tuesday. Octr. 6.	·52 ·60 ·70	S 4. S 5. SW 3.	57	59	62	Stormy rain early AM: fine after sunrise & till after 10 am, then very stormy, driving rain at times & squalls of wind. ending with heavy rain soon after 2 pm, then fine & clearer with less wind. - Dappled & electric in the evening.	55
Wednesday, Octr. 7.	·63 ·53 ·51	SW 3. SW 4 SW 5.	53	56	64	Very stormy atmosphere & rain for a short time 8½ am, then fine & sunny, with wind and rocky clouds, at 3¼ pm a very dark cloud from SW & a flying shower soon after. - Windy evens & a stormy sky. - A parasalene S. of moon 8½ pm.	54
Thursday Octr. 8.	·55 ·63 ·72	SW 3. WSW 5 WSW 5.	51	54	64	Windy but fine & clear morns, and chiefly fine till 2 pm then a flying shower, & more to the South with loud Thunder: very rocky towering clouds to the North also. Sunny & windy from 2½ pm. Evening fine clear & windy. many meteors. -	51
Friday. Octr. 9.	·81 ·76 ·65	S 1. SSW 5. S 5.	47	52	61	Hazy & thick after sun rise & became cloudy windy & a little flying rain at times, but finer after noon, windy & cloudy, and the evens the same & warmer than the day.	61
Saturday, Octr. 10. △☉♃	·53 ·67 ·81	SW 5. SW 6. SW 5.	57	60	65	Very windy, and stormy atmosphere, little flying rain at times, but chiefly fine, sunny & very warm. — Evening also very windy and more clouded at times. — Fine night, much clearer, and less wind. —	57

October 1846.

1846	Barometer	Wind	Thermometer out of doors: lowest	8 am	highest	State of The Weather & Clouds.	Thermometer 8 pm.
Sunday, Octr. 11.	29.93 .81 .69	S 1. SSE 3. S 2.	49	54	63	Very fine morning, chiefly clear, but soon rather cloudy & more wind; fine and pleasant till 5pm & sun at times, afterwards rain, which much increased at 8pm, – & continued several hours.	55
Monday, Octr. 12.	.60 .58 .65	SSE ½. SW 0. SW 0.	48	50	63	Fog till after 8 am: afterwards very fine and bright with rocky clouds and a warm and pleasant afternoon; eveng at first cloudy, afterwards clear and stars bright.	52
Tuesday, Octr. 13.	.85 .92 .96	NW 3. NW 4. NNW 5 4. 3	46	50	53	Overcast & light rain at times, with a cool & boisterous wind; continued cloudy and very windy, and much cooler than before, this season. The evening the same but rather less wind after 7 pm. –	48
Wednesday, Octr. 14.	.72 .32 .16	SSW 2. S 6. S 2.	43	44	53	Very red in the N, NE, & E, early AM:– hazy dark, and overcast followed by hard rain from 10½ am, and more wind; continual driving rain till 6 pm, afterwards fine & clearer with less wind.	51
Thursday, Octr. 15.	.11 .14 .27	S 3. SSW 4. SSE 2.	47	51	59	Stormy & humid atmosphere, large nimbi Southward and Westward, and flying showers here, & sun at times; a heavy storm 2pm afterwards more fair & sunny, and the eveng chiefly clear.	52
Friday Octr. 16.	.35 .41 .44	SSE 2. SE 1. SE 0.	50	54	62	Heavy showers all the morng till 11, afterwards very bright and warm with rocky cumuli; very rosy streaks across the West at sun-set. Fine evening, mild & calm, and partly clear. –	53
Saturday Octr. 17.	.48 .54 .66	SE 2. SE 2. SE 0.	50	57	60	Warm breezes & clouds from SE, some dark clouds with a hasty shower a little before 12, afternoon fine and some sun at times; close and warm eveng, no stars seen. –	56
Sunday, Octr. 18.	.68 .63 .57 .74	Var 0. E 1. SE 1. SW 5.	52	55	60	Overcast drizzling and very close; the same more or less till 3pm, afterwards clearer, and more fair, very warm till near 5 pm, then the wind veered & blew a gale, clear and windy evening. Less wind after 8pm, fine night. –	50
Monday, Octr. 19.	.90 .89 .87	SW 2. SSW 1. S 1.	48	52	64	Clear, very fine, and continued a very fine, bright & warm day, gentle wind and cumuli clouds, and some of a mixed kind. – Streaky sky at sun-set; and clear evening. – A shower at 11 pm. –	54
Tuesday, Octr. 20. New moon 7 am.	.66 .70 .70	SSE 1. SW 2. W 2. SW 1.	52	54	58	Heavy rocky clouds & red sky, heavy rain from 7½ till 9, afterwards bright with rocky cumuli, eveng in part clear, but a cloudy night and stormy and wet after midnight.	50

October 1846.

1846	Barometer	Wind.	Thermometer out of doors: lowest	8 am	highest	The Weather & Clouds.	Thermometer 8 pm.
Wednesday, Octr. 21.	29.35 .23 .14 .12 .10	SE 5. S 6. SSW 3. S 5.	44	50	56	Strong gale and hard rain from 5 till 10 am, afterwards chiefly fine, with rocky clouds & sun, but lowering with distant rains. Dark clouds in the evening and much wind. – Some rain in the night. –	49
Thursday, Octr. 22.	.11 .21 .35	WSW 2. WSW 4. W 6	47	49	51	Chiefly cloudy and brisk wind, with a little rain at times; towards evening more lowering and rainy, and after 7 pm very stormy, strong wind, and driving showers. –	47
Friday, Octr. 23.	.72 .79 .94	W 3. W 3. W 0.	45	48	53	Very fine and chiefly bright with cumuli clouds and some cirrostrate, and a drying breeze. Evening in part clear, and no wind. & most of the night clear. –	45
Saturday, Octr. 24.	.72 .62 .64 .61	SSE 4 S 3. SW 2. SW 0.	39	46	56	Hazy and black about SW, & rocky Eastward after sun-rise, a sudden gale & heavy driving rain from 8 till 10 am, from SSE, afterwards fine and sunny in the middle of the day. Dark clouds in the evening, and much lightning Eastward.	49
Sunday, Octr. 25.	.75 .86 .88 .96	WNW 1. NW 1 NNE ½ N ½.	44	47	54	Fine but cloudy till 7 am, then rainy, and heavy rain from 8 till after 9 am, afterwards fine, & clearer: afternoon chiefly fair & sunny, but some dark clouds & trifling showers. Eveng at times clouded and showery. – Night finer but foggy. –	48
Monday, Octr. 26.	30.05 .13 .22	NW 1. NW ½ NW 1.	42	44	48	Very thick fog, and continued foggy all day more or less; dark, raw, and unpleasant. The evening also foggy, and the moon seldom visible. –	43
Tuesday, Octr. 27.	.34 .34 .34	NW 1. NW 1. NW 1.	38	39	47	Continual thick fog, but at times the sun & sky were slightly visible. Evening thicker fog, and cold. – Night the same as eveng. –	41
Wednesday, Octr. 28.	.31 .22 .21	NW 1. N 1. N 1.	37	39	49	Continual very thick fog, but about 12 & 1 a little sun at times, afterwards again thicker fog but milder eveng than the last two. — Night less foggy.	44
Thursday, Octr. 29.	.13 .15 .19	NE 1. NE 2. NE 1.	44	50	57	Close and warm, very pleasant, and no fog, but some low clouds & a little wet at 8 am, & 3½ pm, the rest of the day very warm & sunny. Eveng closer & some curdled beds. –	49
Friday, Octr. 30.	.22 .21 .23	N 1. N 1. NW 0	46	50	56	Foggy morng, but very warm, & became bright after 8, very fine, warm, & pleasant day, some rocky clouds in the afternoon. brilliant sun-set, & clear eveng with mist on the vales. – Night foggy. –	45
Saturday, Octr. 31.	.22 .21 .21	NE 0. NE 0. Var 0.	40	42	51	Very thick fog continued till noon, afternoon clearer, little sun, but the evening again foggy, and no wind perceptible. –	43

Conclusive remarks on October 1846.

Barom.r { Highest on 27th 30·34 Lowest on 21st 29·10 Range 1·24 Mean of month 29·76	Therm.r { Highest on 1st 68° Lowest on 28th 37 Range 31 Mean of month 52·91!
A lower mean than for a long time past.	A high mean for October. –

Winds chiefly SW to SE. Fine days 15: Rain 3·26; Evaporation 1·77.

This month was warm, and often stormy with heavy rains, which was highly salutary for softening the dry & heated land for wheat-seed. – With us the rain was considerable, but in the South of England it was above 5 inches – & in Westmoreland 8; and in France the falls of rain were tremendous with awful floods. – This seems to have been brought on by the great heat & evaporation which had prevailed so long before. –

November 1846.

1846.	Barometer	Wind.	Thermometer out of doors lowest	8 a.m.	highest	Weather and Clouds.	Thermometer 8 pm.
Sunday, Nov.r 1st	30·15 -13 -11	SW 0 SSW 1 SSE 0	40	42	55	Exceedingly fine, light fleecy dappled clouds, & bright sun, beautiful day, very warm afternoon, & not a cloud for 2 hours. Sun set clear, fog came on at 5 till 7 pm – but moon visible, but at 8 pm – less fog, & curdled upward. –	46
Monday, Nov.r 2nd	-13 -12 -09 -11	SSE 1 S 3 SSE 2	43½	46	57	Lovely morng, mild & sunny, with light fleecy clouds, exceedingly fine, warm and drying, bright sun & dappled Arcs of cloud. – Eveng beautiful moon-light, & white dappled cirrostrati. –	49
Tuesday, Nov.r 3rd. Full moon 9 am.	-17 -17 -19	SE 2 SE 1 SSE 0	47	50	61	Exceedingly fine, and very bright warm and beautiful day, no cloud except a few distant white dappled cirrostrati. Eveng bright moon-light & very pleasant. Mist on the vales.	51
Wednesday, Nov.r 4.	-25 -23 -26	SSE 1 SSE 2 SSE 2	47	52	60	Foggy morning, but soon cleared off very fine, bright and warm day, with a few light clouds & drying wind. Close eveng, many dark mottled clouds but very fine. –	52½
Thursday Nov.r 5.	-30 -30 -32	SE 0 SE 0 SE 1	49	53	59	Very close and warm with fog but not thick; continued cloudy & close, but very warm. Some drops of rain at times in the afternoon. Eveng clearer fine and very mild. –	52
Friday, Nov.r 6.	-30 -30 -30	ESE 4 SE 4 SE 3	47	47	50	Cloudy more or less all day, little sun, and very fine with a brisk drying wind; cloudy and dark evening, rather less wind. –	46

November 1846.

1846	Barometer	Wind.	Thermometer out of doors. lowest	8 a.m.	highest.	The Weather & Clouds. –	Therm.r 8 pm.
Saturday Nov 7.	30·32 -36 -40	SE 2 SE 1 SE 0	45	47	50	Cloudy, but very fine and drying air, the clouds loftier, and wind less – and at evening calm. – The night cloudy – close and calm. Remarkably fine weather.	46
Sunday, Nov.r 8.	-47 -50 -52	SE 0 E ½ E 1	44	46	49	Cloudy mild & calm; thinly clouded all day, & very little wind, but very fine and pleasant. – Night cloudy and nearly a calm, continued drying air, and remarkably fine. –	45
Monday, Nov.r 9.	-58 -57 -59	ESE 1 E 2 E ½	43	44	46	Very fine, & a drying breeze, lightly cloudy most of the day, but bright after 3 pm, and a very clear starlight evening. Night in part clear, and frosty. –	40½
Tuesday, Nov.r 10.	-58 -54 -50	E 0 ENE 2 NE 1	37	39	51	Chiefly clear and frosty in the morng, bright forenoon, & very fine all day, grey clouds, and warm sun in the afternoon. – Evening in part clear, with some dark clouds, but exceedingly fine. –	44
Wednesday Nov.r 11.	-42 -40 -44	NE 3 NE 4 NE 1	41	44	52	Exceedingly fine and very bright, pleasant, and drying, a few small clouds in the forenoon, but no cloud in the afternoon. Sun set quite clear, evening chiefly clear and wind less. The roads very dusty.	43
Thursday, Nov.r 12.	-45 -46 -50	NE 0 NE 1 NE 2	43	47	51	Very fine mild and pleasant but chiefly cloudy more or less; very little wind till towards eveng – afterwards brisk – and the evening very cloudy. –	46
Friday, Nov.r 13.	-47 -45 -45	ENE 1 NE 2 NE 1	45	47	49	Cloudy, but the clouds all light & lofty with a drying breeze & very fine, more wind at times, but less at eve, clear a short time between 6 & 7 pm, but again cloudy.	42½
Saturday, Nov.r 14.	-40 -35 -36	NE 1 NE 1 NE 1	42	46	49	Chiefly clouded, but very fine, calm, mild, and pleasant, unusually so for the season, and the roads very dusty, and all the fields dry and clean: –	46
Sunday, Nov.r 15.	-28 -28 -28	NE 0 SE 1 E 0	45	46	50	Mild, calm, fine & pleasant, but cloudy more or less, remarkably serene, and dry. Calm & close eveng, but after 9 much more wind from ESE. –	46
Monday, Nov.r 16.	-30 -24 -20	SE 4 SE 4 SE 3	46	48	52	Drying wind, mild & cloudy morng, but by 10 a.m. became clear, exceedingly fine bright, and pleasant, cirri, scuds, and brisk wind driving up the dust: very unusual in November. Clear eveng. stars bright	42
Tuesday, Nov.r 17.	-07 -01 -00	SE 3 SSE 3 SSE 3	38	43	50	Very fine & nearly clear, with red streaks of haze across the East, continued bright & very fine till 2 pm, afterwards scuds and foggy air, followed by a cloudy evening and a little rain after 7 pm.	46

November 1846.

1846.	Barometer	Wind.	Thermometer out doors. Lowest	8 a.m.	Highest	State of Weather & Clouds.	Thermom 8 pm.
Wednesday Nov.r 18. New moon 11 pm.	29·95 ·97 ·91	SSW 0. S 2. S 1.	46	49	55	Calm & close morng, some haze and cirrostrati, at times clearer & sunny after 9 a.m. but fogs below, warm and bright afternoon, curdled sky & some haze. – Eveng chiefly clear.	46
Thursday Nov.r 19.	·87 ·95 ·98	S 1. SW 3. SW 2.	46	50	56	A very trifling rain early, very fine and bright day, warm and cheering; at times no cloud. Sun set in haze, and a hazy evening with more cloud at times. Some wind, but very mild. — More wind in the night. —	50
Friday, Nov.r 20.	·70 ·42 ·45	SSE 4. S 6.7. SSW 4.	48	49	51	Very mild dark & windy morng, hard gale all day, low clouds & a little flying rain at times; fine & clearer after 3 pm. and the evening fine & clear, and wind less,	48
Saturday, Nov.r 21.	·73 ·75 ·70	SW 2. SW 3. SW 1.	45	47	52	Very fine and chiefly sunny, but some haze in extensive sheets at times, mild, drying, & pleasant. Eveng clear, and stars bright, but wind & rain at 10 & 11 pm.	43
Sunday. Nov.r 22.	·48 ·42 ·60	WSW 3. W 5. WNW 4.	43	43	47	Rain in past night, now fine & bright forenoon, but at noon became stormy squalls of wind & driving showers – all the afternoon at times, & Thermr fell after 11 a.m. – Eveng at times clear, and distant lightning Southerly. –	40
Monday, Nov.r 23. Thermr 47 in the day but 50 at midnight	·87 ·84 ·82	W by N 1. W 1. WSW 1.	39	40	47 to 50	Very hazy and cloudy, but fine till noon afterwards dark – and rainy with blue fog, harder rain at 4 & 5 pm – evening finer at times and warmer than the day. – Thermr rising at night (12 pm 50.	47
Tuesday, Nov.r 24.	·70 ·74 ·78	SW 1. SW 1. W 1.	47	53	57	Exceedingly mild, close & nearly calm – thick blue haze & rather foggy. Clearer after 3 pm. more lofty & less dark – but still very mild, – and so continued. –	50
Wednesday Nov.r 25.	·79 ·64 ·38	S 1. SSE 3 S 4.	46	50	53 to 55	Cloudy and rainy more or less, and but short intervals of fineness; rain increased after 5 pm, very wet and stormy eveng, but at 8 – fine, and the Thermr risen much since ☉ set. –	55
Thursday Nov.r 26.	·30 ·35 ·38	SW 2. SW 2. SW 1.	47	47	51	A splendid fiery Meteor passed over to NW soon after 2 a.m, sky clear & wind brisk. – Flying clouds before sun-rise, but a fine sunny & mild day. Eveng clear & colder. Clear & frosty night. –	40
Friday, Nov.r 27.	·38 ·35 ·32 ·42	SW 1. W 2 W 1.	36	38	45	Clear morng and little hoar-frost, fine and sunny forenoon, with cirri, and in the west distant rain-clouds; after-noon cloudy & at times rainy and dark. – Night finer.	44
Saturday, Nov.r 28.	·45 ·50 ·57	NW 2. NW 2. NNW 1.	36½	38	44	A stormy sky, and cold wind, chiefly fine, but often lowering, clouds rocky to Northward. Eveng clear and very cold, frost on the slated roofs.	33

November 1846.

1846	Barometer	Wind.	Thermometer out doors Lowest	8 a.m.	Highest	State of Weather & Clouds.	Thermom 8 pm.
Sunday, Nov.r 29.	29·70 ·80 ·86	NW 1. NW 3. NW 2.	31	32	36	Showers of snow early in the morng, and a little in large flakes at 8 a.m; bright all day with sharp wind, sun set clear and rosy tint on horizon, some low clouds during eveng, but chiefly clear & frost sharper. The fir trees in South front had icicles on them till noon, & the snow lay all day in most spots except on the gravel walks! Clear & sharp night.	30
Monday, Nov.r 30.	·88 ·96 30·03	NW 3. NW 1. NW 0.	27	28	36	Clear & sharp frost, but after 8 – overcast, and almost continual heavy snow till 11, afterwards fog till 2pm, then bright, and continued so. Eveng clear, no wind, and the frost much sharper. Night clear, and severe, with rime on the trees and hedges. — The snow 2 inches in depth on the level.	23½

Results for November 1846.

Barom.r			Therm.r		
Highest on 9th	30·59		Highest on 3d	61°	
Lowest on 26th	29·30		Lowest on 30th 8pm	23½	
range	1·29		range	37½	
Mean of month	30·044		Mean of month	46°·766	

Fine days 23, – rain only 1·02 Inch, Evaporation ·87 of an Inch, prevailing winds SE. to NE. —

This month was very mild till 28th day, and remarkably fine and dry during the first 3 weeks, roads dusty and fields dry & hard as in summer, but on the last 2 days, a great and sudden change to wintry blasts, took place, – and in Lancashire the snow was a foot in depth. —

December 1846.

1846.	Barometer	Wind.	Thermometer out of doors. Lowest	8 a.m.	Highest	The weather and clouds. –	
Tuesday, Dec.r 1.	29·98 ·86 ·74	Var. 0 SW 0. SW 1.	19	24	33	Extremely sharp frost early in the morng, continued frost but less severe after dawn, rime on the trees, hazy & much of the bar lined cirrostrati in Arcs from SW all day, in-creasing at eve; but very fine & no thaw. – Some curdled clouds & warmer sky from 4pm.	31½
Wednesday, Dec.r 2.	·54 ·44 ·44	W 0. NW 1. NW 0.	29	32	36	Foggy & less frost, continued foggy all the day, and gentle thaw, evening clearer, and a very curdled sky moving from SE, and scarcely any frost. Full moon 10¾ pm..	32
Thursday Dec.r 3.	·62 ·71 ·80	NW 1. NW 1. NW 0	32	34	37	Cloudy all the morng and little thaw, but clearing off all the afternoon, and after 4pm – quite clear, and frost returned – moon bright at eve, & more frost.	27
Friday, Dec.r 4.	·80 ·84 ·91	NW 3 NW 2 NW 1	26½	33	39	Sharp frost early but more mild with wind & clouds after 6 a.m, showers of sleet and hail through the day, gentle thaw, and some sun. – Eveng finer, in part clear and partial frost.	34

December 1846.

1846	Barometer	Wind	Thermometer out of doors: lowest	8 am	highest	The Weather & Clouds. —	Thermom^r 8 pm.
Saturday, Decr 5.	30·07 ·02 29·91	NW 1 W 2 SW 3	30	31	37½ 39	Little frost & clear upward, but foggy below — fine day with haze & sun, but at eve more cloudy with wind, and rainy night Thermom^r 39 at 11 pm. —	34
Sunday, Decr 6.	·75 ·80 ·85	W 1 NW 2 WNW 4	32	32	38	Chiefly clear & little frost, fine day for the most part, but clouds at times, rather gay & curdled at noon. Even^g more cloudy and trifling wet, with more wind.	35
Monday, Decr 7.	·93 30·00 ·19	N 2 N 2 NNE 1	34	36	44	Cloudy at times with some sun, but a dripping sky, low bluish clouds, and sleety rain in short showers. — Finer in the evening but chiefly cloudy.	38
Tuesday, Decr 8.	·30 ·30 ·30	NE 1 NE 1 NE 1	37	38	44½	Cloudy more or less but very fine, calm and pleasant, much milder than of late. Clear and very bright all the middle of the day, but again rather cloudy in the evening.	40
Wednesday, Decr 9.	·25 ·20 ·17	NW 0 NW 1 N 1	38½	40	44½	Foggy & mild, dark & close day, with a misling rain at times, and more drizzly in the evening. — Dark and drizzly night.	40
Thursday Decr 10.	29·94 ·76 ·67	W 2 W 3 WNW 4	37	39	43	Fine morn^g with red East, and rainy after 9 am, cloudy & rainy afternoon, increased to hard rain between 3 & 6 pm: evening rainy but less so, & wind more.	36
Friday, Decr 11.	·65 ·60 ·65	NW 3 NW 3 NW 3	26	26	35	Snow early in the morn^g, sharp wind frost, and snow at times during the day, some sun, but often clouded over. — Evening at times clouded, with continued frost and sharp wind. — Much lightning about the East.	27
Saturday, Decr 12.	·65 ·73 ·81	NW 2 N 1 N 1	26	28	36	Hard frost with many distant storm-clouds, some sleet with sun at times, cold wind but not so boisterous as yesterday. — Much snow after 6 — all the evening, & during night, 6 inches deep.	31
Sunday, Decr 13.	·78 ·77 ·74	NW 0 NW 1 NW 3	25½	26	32	Heavy snow & sharper frost early AM. — The day chiefly fine & cloudy, very little snow, even^g clearer after 7, and distant lightning in NE. Severe night & clear most of the time.	24
Monday, Decr 14.	·64 ·55 ·50	W 2 W 2 W 3	17½	18	27	Chiefly clear & very severe frost. with wind. clear day & continued frost. Sun set red, & clear, but the evening cloudy, little snow. Again clear after 8 pm. —	25
Tuesday, Decr 15.	·42 ·50 ·61	NW 2 NW 2 NW 3	19	21	29	Severe frost, and many clouds at times with thick falls of snow; clear & red sun-set & chiefly clear till after 7, and frost severe Therm^r 22½, then rising again at 8 — with more wind.	25
Wednesday Decr 16.	·61 ·71 ·76	NW 5 NW 4 NW 3	21	31	34	Boisterous wind, and continued frost, — heavy storms of snow at times from 7½ till 11 am; fine afternoon, bright & less frost. Even^g clear, and frost. Heavy snow from West during night.	27

December 1846.

1846.	Barometer	Wind.	Thermometer out of doors: lowest	8 am	highest	The Weather and Clouds. —	Thermom^r 8 pm
Thursday Decr 17.	29·61 ·68 ·82	WSW 1 NW 2 NNE 3	25	33	34	Very heavy snow early from WSW, but finer after 7 am, & wind returned to NW, cloudy more or less, and inclined to thaw, little sun at times. Some snow in the even^g, and at 8 pm, wind N.E — & brisker a while, but after midnight calm & clear, & became severe. —	33
Friday, Decr 18. New moon 1 pm. —	30·13 ·22 ·15	W 0 W 0 SW 3 4 . 5	13	13	28½	Extremely severe frost much increased since dawn, & chiefly clear & calm, at ¼ to 7 am Th^r 23°, but soon after 7 it was 15°, and at 8 am down to 13°. Fine clear & calm day & very sharp frost. At sun-set red streaky sky, Th^r 22½ at 6 pm, afterwards less severe — hazy with wind and a general change. Thawing after midnight and the frost gone. —	25
Saturday Decr 19.	29·86 ·86 ·90	W 3 W 1 W 0	33	37	42	Thawing fast all the morning, wind, a mild breeze at WSW, & a few drops of rain, and sky cloudy. Continued so, with fog & less wind. Calm & milder even^g, and the thaw more rapid overcast & some fog. — Thaw continued & Thermom^r rose all night.	42
Sunday, Decr 20.	·80 ·82 ·75	WSW 4 SW 4 SW 3	42	45	48	Cloudy, windy & very mild, the snow nearly all gone, without rain. Fine & pleasant day, sun at times with mixed clouds, and mild breeze. Cloudy & mild even^g. Night the same. —	43
Monday, Decr 21.	·40 ·16 ·06	SW 3 SW 5 SW 5	43	46	49	Windy and mild with dark flying clouds and rain at times: dark and stormy atmosphere all day, and very black clouds Southerly at 3½ pm. — Mild and windy evening, and chiefly cloudy, with some stars seen.	44
Tuesday, Decr 22.	·04 ·14 ·20	WNW 2 WNW 2 NW 1	35	35	40	Chiefly cloudy at first, but soon clear, and a colder breeze returning, fine & sunny day and the even^g clear and frosty. — Gentle frost during the night.	35
Wednesday Decr 23.	28·88 ·86 29·07	ENE 1 NE 2 NE 1	32	36	41	Cloudy with frequent showery rain, & thick dark & hazy sky, very showery afternoon, but the evening finer, sky very hazy. —	36
Thursday, Decr 24.	·25 ·45 ·50	E 1 E 2 E 1	33	33	36	Overcast & frequent snow till past noon, afterwards finer, but chiefly cloudy, dark and damp. Even^g fine & more or less cloudy with long black cirro-strati lying from NE to SW — across SE.	33
Friday, Decr 25.	·63 ·78 30·00	NW 1 NW 1 NW 1	27	27	33	Chiefly clear & hard frost, and the ground whitened with small hail & sleet, continued clear, most of the day, and in the evening till 8 pm, then a flight of snow.	28½
Saturday Decr 26.	·25 ·27 ·34	NW 1 NW 2 NW 3	26	27	34	Clear & hard frost, very fine clear day, and keen wind. Sun set clear & orange colored. Some clouds in the even^g, and a very little snow at times.	30
Sunday, Decr 27.	·44 ·47 ·52	NW 0 NW 1 NW 0	28	30	37	Gentle frost, calm, very fine & chiefly clear, but the afternoon more clouded, and hazy curdled evening; the frost very gentle. —	32

December 1846.

1846	Barometer	Wind	Thermometer out of doors lowest	8 a.m.	highest	The Weather & Clouds	Thermom. 8 pm.
Monday, Decr. 28.	30·52 ·51 ·50	SW, 1. SW, 1. SSE, 1.	26	28	37	Very fine & gentle frost, straight bars of cloud at sun-rise across SE. – some haze & grey cirrostrati in the day and a close cloudy eveng. –	34
Tuesday, Decr. 29.	·51 ·55 ·59	SSE, 1. SSE 3. SSE, 1.	33	34	35	Cloudy and very cold and raw atmosphere all day, became clear in the evening, and light arc of cloud across the SE; Moon bright & gentle frost. –	29
Wednesday Decr. 30.	·60 ·62 ·64	S E, 1. S, 1. S E ½.	27	29	33	Exceedingly fine, clear & bright, with a freezing air. More cloudy westward near sun-set, & cirri upper-most, but a very clear moon-light eveng & frost.	27
Thursday, Decr. 31.	·62 ·54 ·52	Var. 0. W 0. W 0. NW 0.	20	20	33	Severe white frost, & quite clear & calm, sun rose in full lustre, very fine, sunny & calm day, a few cirri in the afternoon, and a sheet of curdled cloud all the eveng, and gentler frost. Thus expires the Notable Year 1846,	30

Results for December 1846.

Barom.	Highest on 30th	30·64	
	Lowest on 23d	28·86	
	Range	1·58	
	Mean of month	29·87	
Thermom.	Highest on 21st	49°	
	Lowest on 18th	13°	
	Range	36	
	Mean of month	32·97	

Principal wind NW, fine days 19. Rain only ·86 of an Inch, and Evaporation ·81 of an Inch. –

This month was remarkable for being the only cold one of the whole Year, and it is the more worthy of note since the cold was so sudden and great as soon as the month came in. It had an awful effect upon the general health of the Kingdom, as it brought on a great Epidemic – attended by Catarrh and Fever, very fatal among the aged and infirm, as also among all those who were predisposed to consumption. The principal cause of death was Bronchitis being the main affection of the Epidemic – as engendered by the very sudden cold change of weather, and throughout the Kingdom the deaths among the aged from the last named affection, were extremely numerous, particularly among females. The dear and beloved Mother of the writer of these pages, was siezed by it on Dec 23d 1846, and died January 2d 1847, aged 79. –

Summary Results for the year of our Lord 1846.

A table of the monthly winds. – | General monthly results.

1846	E	W	N	S	NE	SE	NW	SW	Prevailing currents	fine days	rain	Evaporation	Mean Pressure	Mean Temperature
Jany	0	5	0	6	½	5	3½	11	SW.	19	2·62	·89	29·889	42°·782!
Feby	0	3½	1	4	½	2	12½	4½	NW.	21	·71	1·80	30·064	44·258!
March	0	6	0	2½	½	2	9½	10½	Westerly.	18	·81	2·22	29·880	45·403.
April	5	3	2	1	4½	4½	4½	5½	Variable.	14	3·15	2·45	29·833	49·375.
May	5½	5	1	2½	2	5½	3	6½	Variable.	24	1·10	4·66	30·030	57·330.
June	6	2	1	0	1	10	½	9½	SE=SW=E.	26	0·68	6·62	30·140	67·525!
July	2	9½	0	3½	½	4½	1½	9½	W & SW.	24	1·79	6·50	30·032	67·903!
August	3	4½	3	2½	7	4	2½	4½	NE & var	22	2·95	3·84	30·064	67·548!
Septr	6	2½	1	4	7	4	1½	4	Easterly.	28	1·52	3·26	30·086	63·483!
Octr	0	2	3	5	2	6½	4	8½	SW to SE.	15	3·26	1·77	29·760	52·910!
Novr	2	3	0	4	5	9	3	4	SE to NE.	23	1·02	·87	30·044	46·766!
Decr	1	5	3	0	2	2	13½	4½	NW.	19	·86	·81	29·870.	32·970!
1846	30½	51	15	35	32½	59	59½	82½	SW, SE, NW.	253	20·47	35·69	29·9743	53·18775!

The highest states of Barometer for the whole Year were on January 9th and March 12th at both times 30·72! and on December 30th 30·64! – The mean of the Year was 29·9743. And the lowest state was on December 23d 28·86!

The Hottest periods were June 7th and 19th Therm 89½°, July 5th 93°! and August 1st 91°! And the coldest period was about 8 a.m. December 18th Therm 13°! Mean of the Year 53°·18775! To recount all the extreme hot days of this year would be unnecessary here, as it is sufficient to refer to the pages for May, June, July, August, & September, all clearly headed as 'The memorable Hot Summer' and which can never be out of memory!

General Observations on the Splendid, & Notable Year 1846.

The most remarkable features of the wonderful Year 1846, were first of all the extreme mildness of January and February when all Nature kept sprouting as in Spring.— Next the five months of excessive Heat from May to September both inclusive; when many persons died from its effects!— Next the great closeness of October and November, with the unusual dry weather in the first 3 weeks of November with dusty roads!— And lastly the sudden and severe coldness of December bringing sickness & death to very many of our fellows! As a whole it may here be stated that the Year was most remarkable in producing eleven warmer months than usual and but one cold month, hence the mean temperature was about 5° above the preceding and from 2½ to 3½ above the common run of our Years!

Orlando Whistlecraft

January 1847.

1847.	Barometer	Wind.	Thermometer out of doors: lowest	8 am	highest	The Weather and Clouds.—	Therm. 8 pm.
Friday. Jany. 1st.	30·41 ·31 ·28	NW. 0 NW. 0 NE, 1 E 3.	23	27	36	Sharp frost & clear above, some haze below, but soon became very thick fog & inclined to mizzling so as to make the ground very slippery in the even.g. After 7 pm cleared off more wind, and moon bright.— Thermome. in the day 34° but now higher & in the night 36°— Full moon 2¾ pm.—	35
Saturday Jany. 2nd	·75 ·02 29·99	E 2. E 3. ESE 4	33	34	35	Cloudy with dark and dense clouds under the upper Strata, some sleet or small hail and a cold wind.— Wind increased in the evening and little frost but very cloudy, and the night the same.— Dear mother died at 8 am— aged 79.	32
Sunday, Jany. 3.	·87 ·82 ·83	E 3. E 3. E 2.	30	31	34 to 35	Cloudy & gentle hard frost. very fine and became clear after 1 pm. with a cold dry wind; and light clouds; gentle frost at sun-set, but the even.g more cloudy & milder than the day.— Some sleet during the night.—	35
Monday. Jany. 4.	·90 ·97 ·98	SE 3. SE 3. SE 4.	33	36	39	Cloudy and milder, soon foggy, dark and damp day, and very foggy throughout: more wind during the evening, and not quite so foggy.— Night chiefly cloudy, and continued thaw.	36
Tuesday, Jany. 5.	30·00 ·03 ·11	SE 2 SE 1. SE 3.	36	40	44	Foggy with rain in the morn.g, became fair & bright about noon, but cloudy afterwards, and a dark, mild, and cloudy evening.	41
Wednesday Jany. 6.	·13 ·16 ·22	SE 1. E 1. Var. 0.	39	39	46	Fair and mild with dark cirrostrati scuds & sun shine. Chiefly bright in the middle of the day, but a dark and clouded evening.	41
Thursday Jany. 7.	·23 ·22 ·24	SE 1. SE 2. SE 3.	40	40	44	Overcast foggy and dark, but mild, and chiefly fine. Towards evening less foggy, but dark clouds & close as before. rather more wind in the night.	41
Friday, Jany. 8.	·27 ·32 ·40	E 4. E 3. E 3.	38	38	39	Dark clouds, and cold wind, continued cloudy, and colder after 1 pm than before.— Evening dark, and rather windy & cold.—	35
Saturday, Jany. 9.	·48 ·46 ·48	ESE 4 ESE 4 ESE 4	34	35	37	Cloudy with cold drying wind, and very fine, the clouds loftier in the afternoon, but no sun:— & the even.g dark and windy.—	36
Sunday, Jany. 10.	·45 ·37 ·35	E 3. E 3. ESE 2.	32	32	35	Cloudy and freezing air, but fine. continued cloudy but lofty, & very keen wind: the evening also cloudy, and gently freezing.—	32½
Monday Jany. 11.	·30 ·25 ·22	SE 2. SE 2. SE ½.	32	32	37	Lightly cloudy, and very gentle frost. clear and sunny day with keen air, calm and clear evening, and the frost rather sharper.	29

January 1847.

1847.	Barometer	Wind.	Thermometer out of doors: Lowest	8 a m	Highest	The Weather & Clouds.	Thermom 8 pm.
Tuesday, Janʸ. 12.	30·18 ·10 ·04	E S E. 0 E, 1. E, 1.	27	27	39	Clear and very white frost, continued clear, very fine & but little wind, and brilliant yellow sun-set, hard frost in the eveng, but less than last eveng.	30½
Wednesday Janʸ. 13.	29·99 30·03 ·08	S E, 1. S E. 0 S E. 0	28	34	38	Very hazy & thawing since break of day, close and clouded all day, but fine, and no wind. Evening also overcast calm & mild. — Red & gay sun-set. clear at 10 pm. —	36
Thursday, Janʸ. 14.	·15 ·14 ·18	S E. 0. S E. 0. S E. 0.	27	28	40	Clear sun-rise, hard white frost, and a very bright and calm day, and the evening clear and frost again, but rather foggy at times during night.	30
Friday, Janʸ. 15.	·20 ·16 ·16	S E, 1. S E 2. S E ½	27	28	36½	Chiefly clear, & hard white frost, more wind in the day, but clear, and the evening mostly so, and frost as before, and much sharper during night.	29
Saturday, Janʸ. 16.	·14 ·18 ·21	E 0. 1. E 2. E N E. 3	24	25	32	Sharp frost, and continued all day with a very cold wind, and light grey cloudiness more or less, but very fine. Evening and night cloudy. — New moon - midnight.	29
Sunday, Janʸ. 17.	·23 ·22 ·21	E 2. E 1. E S E. 0	28	29	32	Cloudy, continued gentle frost, and a very few grains of sleet at times, but chiefly very fine. Evening calm and close and rather milder. — Thermʳ highest after 8 pm.	31
Monday, Janʸ. 18.	·20 ·22 ·23	E 0. N E. 0. N E. 0. Var. 0.	29	30	34	Cloudy, quite calm, continual gentle frost and a little fall of small sleet at intervals, but mostly fine, and no wind. The lower clouds & smoke of chimneys indicate a N E current. —	32
Tuesday, Janʸ. 19.	·23 ·20 ·18	N W, 1. N W, 1. N W. 0.	31	32	35	Cloudy and a little sleet at times, but mostly fine, and less frost. — Dark clouds and some larger flakes at 4½ pm —: — eveng fine & cloudy. —	32
Wednesday, Janʸ. 20.	·12 ·08 ·08	N W, 1. N W, 1. Var. 0	29	30	35	Cloudy but lofty, and blue haze below, very fine & continued gentle frost, curdled sky and some sun after 12, sunny afternoon with cirri & haze, and the eveng hazy. —	29
Thursday Janʸ. 21.	·00 29·98 ·95	S S W. 0 S 1. S 1.	28	30	38	Overcast and continual snow, more or less all day, thawing in the afternoon, and some gleams of sun; snowing fast in the evening and no frost. —	33
Friday, Janʸ. 22.	·90 ·88 ·88	E S E. 2 E 3. E 2.	32	33	36	Continual snow more or less all day, and no frost, but gently thawing, although the snow continued several inches deep as it fell so constantly.	33
Saturday, Janʸ. 23.	·80 ·75 ·75	S E 3. S S E. 3 S 3.	33	35	38	Cloudy and foggy with continued thaw all day. Gleams of sun at 2½ pm, but afterwards very foggy, and the eveng the same at times, wind veering upward to W S W, lower breeze S.	36

January 1847.

1847.	Barometer	Wind	Thermometer out doors: lowest	8 a m	highest	State of the Weather & clouds.	
Sunday Janʸ. 24.	29·62 ·35 ·48	S S E. 4. S S E. 6. S W. 3.	35	39	43	Cloudy, windy, & thawing, and rain set in about noon, hard gale & driving rain all the afternoon; became fine after 5 pm, and at 8 pm clear evening. —	41
Monday, Janʸ. 25.	·40 ·45 ·48	S W. 3. S W. 3. S 5.	37	40	45	Stormy early in the morng, but a fine sunny day, with cirri & scuds, and brisk wind. More wind in the evening, but chiefly clear. Stormy looking sky. —	39
Tuesday Janʸ. 26.	·48 ·53 ·43	S W. 2. S W. 2. S S E. 6. S W. 7.	38	39	47	Mild and pleasant, and chiefly sun, but hazy & more cloudy after 3 pm; evening stormy, hard gales & a little rain at times, but warmer atmosphere. Very high wind in the night in heavy squalls. —	43
Wednesday, Janʸ. 27.	·35 ·47 ·40	S W. 6. S W. 3. S 4.	43	44	47	Very high wind till after 6 a m, from W S W, afterwards SW, and abating, windy but fine & sunny day, also mild and drying. — Hazy eveng, cloudy, squally & little wet. — Very windy all night; — some rain.	44
Thursday Janʸ. 28.	·06 ·15 ·28	S W. 7. S W. 7. S W. 6.	43	45	47	Strong wind & flying clouds, distant storms but chiefly fine, and very windy all day: clear evening, still windy, and moon very bright, — and so all night, but less wind. —	40
Friday, Janʸ. 29	·42 ·42 ·48	S W. 1. S W. 1. S W. 1.	33½	34	42	Clear, and gentle white frost, rather hazy, but mostly bright and very fine in the day, and a bright eveng. Coloured haloes round the moon 6 pm. — Clear night & hoar frost.	34
Saturday, Janʸ. 30.	·54 ·60 ·63	N W, 1. N W, 1. N W, 1.	32	33	40	Hazy with white frost, continued hazy and cloudy more or less till 7 pm, then became clear, & moon bright. — Some sleety showers in the night.	37
Sunday. Janʸ. 31.	·66 ·66 ·71	N W, 1. N W, 1. N N E. 2 / 1.	33	35	42	Showers early, but a fine sunny morng. chiefly sun with large rocky clouds, followed by storms of hail & a little snow at 4 pm. Eveng clear moonlight, and white frost. — Full moon 8½ a m. —	32

Results for January 1847.

Baromʳ.	Highest on 9ᵗʰ —	30·48
	Lowest on 28ᵗʰ	29·06
	Range —	1·42
	Mean of month	29·963
Thermʳ.	Highest on 26. 27. 28ᵗʰ —	47°.
	Lowest on 1ˢᵗ —	23.
	Range —	24
	Mean of month —	35·82

The number of fine days 26, rain only ·52 of an Inch, Evaporation ·69 of an Inch; principal winds S E, & E. —

A fine month but very cold, yet seldom severe. — The effects of the Epidemic of last month continued in this month. —

February 1847.

1847	Barometer	Wind	Thermometer out of doors, lowest	Thermometer out of doors, 8 a.m.	Thermometer out of doors, highest	The Weather & Clouds.	Thermometer 8 pm
Monday, Febʸ 1st	29·70 ·78 ·86	NE 1 NE 2 NE 1	29	32	36	Hazy with frost early, more hazy and thick and nearly overcast all day, cold and raw atmosphere, and but little wind. – Clearer evening and frosty. –	33
Tuesday. Febʸ 2nd	·90 ·88 ·88	NE 2 NE 2 NE 1	32	33	36	Cloudy and continual snow more or less, but not freezing, most of the snow melting as it fell. considerable snow all the evening & a little frost during the night. –	32
Wednesday. Febʸ 3.	·96 30·04 ·12	NE 1 NE 0 NE 0	31	32	35	Gentle frost in the morn.g, thawing slightly in the day, cloudy, calm, and fine but very cold & raw. Evening rather clearer, and no wind. Frost gentle.	32
Thursday, Febʸ 4.	·18 ·19 ·22	NW 1 NW 1 NW 1	28	31	38	Fine & frost early, but thawing all day, cloudy & fine, less cloudy towards evening, and during the evening some stars seen: – little or no frost.	33
Friday, Febʸ 5.	·18 ·10 ·02	W 2 WSW 2 WSW 3	33	35	40	Cloudy more or less, and no frost: thawing all day, rather foggy, and chiefly very dull. – Little rain during evening and night. –	38
Saturday Febʸ 6.	29·72 ·48 ·52	W 2 W 4 WNW 5	37	42	49	Hazy & much barred cirrostratus, mild and stormy atmosphere, heavy clouds, & sun at times. Colder in the evening and in part clear. –	40
Sunday, Febʸ 7.	·60 ·50 ·50	NW 1 NW 2 NE 1	30	31	36	Hazy & frost, very keen air, and continued very hazy, but fine: clearer after 3 pm, and sharper frost in the evening, stars bright. Very sharp night.	29
Monday, Febʸ 8.	·69 ·61 ·48	W 1 W 2 SW 2	23	24	33	Severe frost & clear morn.g, more hazy in the day, and the afternoon very hazy & thick, very cold and piercing air. – Snowing gently in the even.g. –	29
Tuesday Febʸ 9.	·42 ·41 ·41	NW 1 NW 1 NW 1	24	25	32	Severe frost and chiefly clear, and so continued all day. very keen air, and snow-clouds at a distance in S, & E. – Even.g clear and severe. –	23½
Wednesday, Febʸ 10.	·51 ·53 ·53	NW 1 NW 3 NW 4	22	24	35	Severe frost, very piercing wind, and heavy storms of snow and hail, and some six-pointed crystals fell in the storms; – finer after 1 pm, but very cold & more wind. Even.g chiefly clear and windy. –	30
Thursday, Febʸ 11.	·74 ·83 ·93	NW 1 NW 1 N 0	29	31	38	Grey clouds & sun, very fine & less cold, but still frosty; clear and calm evening & the frost again increased; stars very bright. — Severe frost during night	28½
Friday, Febʸ 12.	·92 ·92 ·91	W 1 W 1 W 1	22	29	37	Severe frost, but less so as day broke, more hazy but bright. very fine day grey clouds & sun. Even.g more cloudy and hazy, gentle frost & little wind.	31
Saturday, Febʸ 13.	30·04 ·07 ·05	NW 0 W 0 SW 1	23½	24	37	Clear, but hazy below, and severe frost very fine, sunny day, but very cold. Evening hazy & a little more wind, & veered to SW. very hazy & frosty.	29

February 1847.

1847.	Barometer	Wind	Thermometer out of doors, lowest	Thermometer out of doors, 8 a.m.	Thermometer out of doors, highest	The Weather & Clouds.	Thermometer 8 pm
Sunday, Febʸ 14.	29·68 ·65 ·67	SW 4 SW 3 SW 2	28	39	45	Thawing fast all the morning, cloudy windy & some rain early, & at times in the forenoon: fine afternoon. but cloudy mild & more pleasant, & the even.g cloudy and mild, night the same.	41
Monday, Febʸ 15. New moon at noon.	·64 ·38 ·48	SW 1 SW 1 WNW 6	35	40	50	Close & foggy with dark cirrostrati. hard rain from 10 till 12, fine & mild afternoon, sun & flying clouds. – At 5 pm – a sudden strong gale WNW, windy evening and in part clear. —	42
Tuesday, Febʸ 16.	·92 ·76 ·70	W 3 SW 3 S 3	36	39	44 to 47	Hazy & cloudy with a brisk wind, but mostly fair till 4 pm, afterwards dark and overcast with a little rain at times. warmest during night. Thermʳ 47° and had been only 44 in the day. —	42
Wednesday, Febʸ 17.	·91 ·96 ·93	SW 2 SW 4 SW 4	43	45	55	Very fine mild and pleasant, curdled clouds, & sun, and the larks rising, very warm afternoon, more wind, & flying clouds. – Even.g warm & cloudy, with a little rain. Squally night.	50
Thursday, Febʸ 18.	·97 ·94 ·87	SW 4 SW 5 SW 5	48	50	54	Very fine and mild, but windy with dark clouds, & little sun; evening more cloudy, still windy and a very little wetting at times. High wind all night.	48
Friday. Febʸ 19.	·67 ·99 30·20	WSW 8 W 8 WNW 5	41	41	49	Very high wind all the morn.g, some trees thrown down by it. Continued strong gale but abating in the afternoon, chiefly sun and flying clouds. Evening clear, and windy but less so.	40
Saturday, Febʸ 20.	·29 ·29 ·29	W 1 SW 1 SW 1	37	42	51	Very fine & pleasant, the Thrush & other birds very tuneful all the morn.g. – Fine & pleasant day, but hazy, and but little wind. Aconite & Snowdrop full flowering for some days past. – Hazy evening and haloes about the moon.	42.
Sunday, Febʸ 21.	·28 ·33 ·33	SW 3 SW 2 SW 2	41	46	52	Cloudy and some rain during the morn.g, afternoon fine & mild, but clouded over; cloudy and mild evening, and a mild and fine night. —	48
Monday, Febʸ 22.	·38 ·38 ·38	SW 1 SW 1 W 0	43	46	51	Foggy morning, calm and very fine: – mild and fine day, but cloudy more or less; evening clearer and moon visible in curdled light clouds.	46
Tuesday, Febʸ 23.	·40 ·37 ·37	E 3 E 3 E ½	37	39	42	Foggy all the morning, very fine day. but cloudy, & a cold wind; evening clear less wind, & moon very bright. Night clear, and very white frost; no wind – but chiefly East.	35
Wednesday Febʸ 24.	·33 ·30 ·30	E 1 E 2 E ½	29	31	40	Sharp white frost, & very clear, very fine sunny day, a few small clouds – and a very keen wind. Less wind in the evening – rather hazy & grey – with streaks of thin cloud. —	32

February 1847.

1847	Barometer	Wind	Thermometer out of doors: lowest	8 a.m.	highest	The Weather & Clouds.	Thermometer 8 pm.
Thursday Feb.y 25.	30·23 ·20 ·17	E 0. E 1. Var. 0.	30	33	41	Gentle frost in the morning, very fine and calm day, chiefly sun in the fore-noon, but more clouded in the afternoon and evening. — Some snow at times in the night. —	34
Friday, Feb.y 26.	·15 ·26 ·28	NW ½ E 3. E 1.	31	33	39	Snow early, but a fine sunny day, after 11 am quite clear, and a very sharp wind. — Clear evening and the wind much less, nearly calm, & frost sharper, but some clouds in the night & less frost. —	30
Saturday Feb.y 27.	·20 ·18 ·20	ENE 3. E 3. 2. E ½	29	32	37	Cloudy morng, & very cold wind, with gentle frost, bright in the day, but the wind very cold. Eveng clear in part, wind less, but the frost more.	29
Sunday, Feb.y 28.	·32 ·32 ·33	E 2. E 3. NE 2. & 1.	28	31	37	Cloudy, frost, & very cold wind; a few flakes of snow at times, but chiefly fine, more cloudy after 4 pm, but less wind and the evening rather milder. — Night cloudy more or less, and more wind again after 11 pm. —	34

Results for February 1847. —

Barom.r { Highest on 23.d — 30·40. Lowest on 15.th — 29·38 Range — 1·02 Mean of month — 29·959	Thermom.r { Highest on 17.th — 55° Lowest on 10.th & 12.th — 22° Range — 33 Mean of month — 36·99

Depth of rain only ·47 of an Inch, Evaporation 1·22,
Prevailing winds SW to NW, & E —, fine days 21 in number.

This was a month of variety, but there was much cold weather, yet it was far more severe in the South than here. In Sussex the Thermom.r was much lower than in other parts of England: at Uckfield in that County on the morning of the 12.th it was down to 1°, and the depth of snow in Middlesex, Kent and Sussex, was very great from the 7.th to the 13.th while here we had but little. —

March 1847.

1847.	Barometer	Wind.	Thermometer out of doors: lowest	8 a.m.	highest	The Weather & Clouds. —	Thermometer 8 pm.
Monday, March 1st.	30·38 ·43 ·47	NE 3. NE 3 NW 0.	34	36	41	Cloudy but very fine, and a parching and cold breeze, but no frost; evening clear, & less wind, moon bright, night fine but cloudy more or less. —	34
Tuesday, March 2.	·50 ·52 ·54	N 1. N 3. N 2.	33	39	46	Cloudy more or less, but fine & milder, a few drops from low clouds at 5 & 6 pm less cloudy, mild & pleasant evening. Full moon 3 am.	40
Wednesday March 3.	·55 ·54 ·58	NE 3. NE 3. NE 1.	38	39	46	Cloudy till near noon, then clearer, and a bright and drying afternoon, and a very clear & frosty evening, wind less, and moon very bright. —	34
Thursday March 4.	·51 ·48 ·46	NW 1. N 2. NE 0.	28	34	44	Sharp white frost, but soon very hazy, and cloudy, & no frost. the whole day cloudy, and at 1 pm showery with sleet, eveng cloudy calm and fine. —	39
Friday, March 5.	·33 ·33 ·36	NE 2. NE 3. NE 3.	39	40	43	Very cloudy & a little light rain in the morning, fine afternoon, but continually cloudy more or less, and a cold wind: Evening very cloudy & colder. —	36
Saturday March 6.	·23 ·18 ·14	NE 2. NE 3. NE 2.	35	38	43	Cloudy more or less all day, and a cold wind; a very little sun about 1½ pm: — Dark & overcast evening and a little wet, but at 11 pm — nearly clear. —	38
Sunday, March 7.	·02 ·12 ·19	NNE 2. NE 3. NE 1.	36	40	42	Showers at 5 & 6 am; and some falls of sleet in the forenoon, afterwards fine, but cloudy, and cold. Evening rather clearer and less wind. — Night chiefly fine.	36
Monday, March 8.	·17 ·15 ·12	N 2. NNW 4. N 1.	35	41	48	Chiefly fine, and during the forenoon rocky clouds & sun at times, afterwards more cloudy and a little wet in flying showers — yet mostly fine, and again clearer after 4 pm.	39
Tuesday, March 9.	·00 ·07 ·11	N 3. N 4. N 1.	35	37	42	Very stormy with snow & hail at times, and sun between: clouds black and heavy as yesterday also: gales with the storms. Afternoon finer, with sun, and the evening frosty & very little wind.	33
Wednesday, March 10.	·02 ·07 ·20	NE 1. E 2. E 1.	27½	30	43	Sharp frost, and chiefly clear at first, but soon many clouds, some very rocky with hail & sleet, and between 12 & 1, a great and long storm of snow, afterwards much colder but fine & sunny. Sharp frost in the evening, and pretty clear.	28
Thursday, March 11. * ⊙ ♁	·32 ·27 ·19	WNW 1. SW 2. SW 4.	19	24	37	Morng clear and severe frost; chiefly bright till 5 pm, more wind & veered about, but still very cold. Sun set red in blue clouds & haze, windy eveng some clouds and very cold. Considerable snow during the night.	30
Friday March 12.	·03 ·17 ·27	WNW 2 NW 2 NW 1.	28	35	47	Snow very early, fine morng — chiefly clear and gentler frost, fine sunny day, except occasional cumuli, thawing all day, a few hail stones 1 pm. — Evening in part cloudy, and much milder. —	36

March 1847.

1847.	Barometer	Wind.	Thermom. out of doors, lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm.
Saturday, March 13.	30·27 ·27 ·34	W 2. W 4. WNW 1.	32½	37	49	Very fine but chiefly cloudy in the morng some sun at times, after 11 a.m. – drying breeze & very fine with sun & lighter clouds. – Less wind in the eveng, and some stars with mottled clouds. –	41
Sunday, March 14.	·41 ·38 ·32	SW 1. SW 3. SW 2.	30	37	54	Frost early, but soon much warmer after dawn, exceedingly fine, and bright day with cirri & very light cumuli, and some blue haze for a while at 1 pm. – Starlight eveng, & a little haze. –	38
Monday, March 15.	·27 ·22 ·16	SSE 1. SSE 4. SSE 3.	33	39	55	Clear & white frost, but not sharp, very fine & clear all day, with a very brisk wind. Evening also clear, wind rather less. – Clear night.	41
Tuesday, March 16.	·05 29·95 ·96	S E 3. S E 5. S E 4.	37	42	56	Quite clear & no frost, exceedingly fine and bright all day, with a boisterous and parching wind. Eveng clear, rather less wind. New moon 9 p.m. –	44
Wednesday, March 17.	·95 ·93 ·98	SSE 3. SSE 4. S by E 1.	39	44	59	Quite clear, bright all day, and warm but the wind boisterous at times, Evening clear, and the wind much less. Very clear all night. –	45
Thursday, March 18.	30·00 29·96 ·99	SSE 1. SSE 2. SSE 1.	37	44	62	Very clear, no clouds, exceedingly fine warm & pleasant, and gentle wind. Evening also quite clear, but cool, and very little wind. – Clear night. –	43
Friday, March 19.	·86 ·75 ·72	S E 2. S E 5. S E 4.	35	41	58½	Still clear, and very bright all day, but more wind, driving clouds of dust in the roads: Distant clouds & haze at sun-set, and Thermr rising to 48° after 8 pm. – A bright Auroral Arch from WSW to ENE, from 9 till 10 pm.	46
Saturday, March 20.	·65 ·71 ·71	SSW 4. SSW 4. S 1.	44	48	57	Flying clouds, and brisk wind with sun, stormy looking sky, but fine: less wind in the eveng, and some Auroral streaks in zenith 8 pm. A very little rain during night. –	46
Sunday, March 21. Vernal Equinox.	·63 ·70 ·80	S 2. S 3. S 2.	42	47	57	Some clouds cirrostrati & scuds, with a few drops of rain: fine & mild morng – and the day fine with cumuli, cirrostrati & sun, and drying wind. Fine eveng, & chiefly clear. Some mottled clouds, rather electric. –	45
Monday, March 22.	·88 ·93 ·96	NE 1. NE 1. NE 0.	32	40	61	Chiefly clear, and frost early, some fog below: very fine, bright and warm day, some cumuli & ribbed cloud. – Very red West at sun-set, and dark blue rocky clouds. –	46
Tuesday, March 23.	·92 ·85 ·85	S 1. SSW 3 S 4.	40	49	61	Very fine morng; rather hazy with knotty electric clouds, & bright sun; – warm & sunny afternoon with beautiful rocky clouds. More hazy & windy with rain after 5 pm: – and till 8½ pm. – Clear night after 9 pm. –	45

March 1847.

1847.	Barometer	Wind.	Thermometer out of doors, lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Wednesday, March 24.	29·86 ·92 ·98	SW 2. W 3. W 1.	38	44	51	Clear morng, afterwards heavy cumuli, and dark rocky clouds with a little rain & hail at noon, the afternoon finer & chiefly sun, and a calm eveng with curdled sky. –	45
Thursday, March 25.	30·12 ·12 ·18	Var. 0. E 1. E S E 1.	33	40	56	Clear and hoar frost, very fine & bright sun all day, – hazy eveng, and some curdled white clouds. – Night in part clear – and dappled sky. –	41
Friday, March 26.	·13 ·13 ·14	E S E 1. E S E 2. S E 1.	37	44	53	Fine & very electric sky, dark knotty clouds rising continually from SW, across the lower current which was from Eastward. Some drops of rain at times – but mostly fine & some sun. – Eveng hazy.	42
Saturday March 27.	·10 ·04 ·00	W 1. S S W 1. S S W 1.	34	45	63½	Fog all the morning, but cleared after 9 a.m, very fine & warm, beautiful Spring day light electric clouds, and sun, somewhat hazy at times, but continued exceedingly fine, close & warm evening. –	48
Sunday, March 28.	29·74 ·58 ·61	S E 1. S E 1. &c. NE 2. & 3.	42	49	53	Hazy with mottled & undulated cirrostratus, fine & warm morng, haze much increased followed by rain at 1 pm – continual steady rain all the afternoon and evening – wind to N N E after 3 – Finer night, more wind & colder. –	38
Monday March 29th.	·80 ·75 ·72	N W 2. N 2. NW 1.	32	35	47	Clear & cold morng, little frost; flying clouds soon followed and at 2 pm – very black in the north, a heavy storm of hail & some snow, but became fine and sunny after 3 pm. Showery eveng.	38
Tuesday, March 30.	·77 ·72 ·74	N W 2. N W 2. N 1.	34	37	48	Rocky clouds & sun between, showers of hail, some large hail-stones, & flakes of sleet. Evening finer, frosty & chiefly clear. –	36
Wednesday, March 31.	·61 ·55 ·52	N W 1. N, N E 1. Var. 0.	30	37	52	Very white frost, bright forenoon; large rocky clouds & a little hail about noon, again bright till 2 pm – then black in the NE, afterwards cloudy & some sleety showers. Full moon & eclipse 9¼ pm. –	37½

Results for March 1847

Highest Baromr on the 3rd — 30·58
Lowest — on — 31st — 29·52
range — 1·06
Mean of Month — 30·068.

Highest Thermr on 27th — 63½°
Lowest on — 11th — 19.
range — 44½
Mean of month — 42·63

Depth of rain 1·13 – Evaporation 2·41 In.
Fine days 20. Prevailing winds NE – SE & SSE – but much divided. —

April 1847.

1847.	Barometer	Wind.	Thermometer out of doors lowest	8 am	highest	The Weather & Clouds, –	Thermometer 8 pm
Thursday April 1.	29·48 ·44 ·40	SW 1. SW 2. SW 2.	34	37	46	Hazy & very red sun-beams, continued hazy & thick with heavy rocky clouds, & some sun, wind still cold followed by very black clouds from SW, & heavy shower at 6 pm & much hail.	37
Good Friday April 2.	·32 ·32 ·30 ·37	NW 1. NW 2. N 1.	34	36	45	Cloudy morng, soon clearer, blue haze; low scuddy clouds, and sun, with a very raw and cold air. Afternoon brighter, with large rocky headed clouds: Lower clouds & some snow during the evening. –	34½
Saturday April 3.	·33 ·33 ·50	NW 3. NW 4. N 1.	32	34	40	Chiefly overcast and snow and rain more or less all day, till near sun-set, afterwards fine, clearer and less wind. Fine night & mostly clear.	36
Sunday, April 4.	·75 ·80 ·77	NW 1. WNW 2 W 1. WSW 1.	33	37	50	Clear morng; and a fine day, many cumuli & mixed clouds with sun, a few hail-stones about 2pm. – Fine evens rather cloudy and curdled sky. – Showery during the night.	41
Monday, April 5.	·63 ·73 ·80 ·78	W 2. WNW 5 W 2.	40	48	55	Stormy – with a little flying rain at times in the morng. – Fine sunny day, with large rocky clouds & windy: – some distant showers – but fine here. – Sun set nearly clear. Night chiefly fine. –	44
Tuesday, April 6.	·77 ·87 ·91	NW 2. NW 2 W 1.	40	45	57	Cloudy & little rain in the morng, but soon fine – & sunny. Drying and pleasant day, sun & cumuli clouds. – Evening hazy & some dark knotty clouds. Cloudy and close night. –	47
Wednesday, April 7.	·85 ·86 ·90	WSW 2. WNW 4. W 4. WSW 1.	44	49	56	Cloudy and hazy, mild morng, soon became windy, and very hazy with darker clouds; fine afternoon but chiefly hazy and cloudy. – Evens pleasant, and less wind.	47
Thursday, April 8.	·62 ·50 ·54	S 3. SW 4. W 5. W 5 : 7.	43	49	60	Overcast and hard rain from 6 am till near 10 am, afterwards fine with flying clouds and sun, very windy but much warmer. Evening clear windy & warm. Strong gale all night.	50
Friday, April 9.	·64 ·73 ·78	WNW 7 WNW 7. WNW 2	39	43	54	Very strong gale continued till 3 pm with bright sun, & flying clouds, – after 3 – some flying showers and wind abated. Evens fine – nearly clear, and very little wind. –	43
Saturday, April 10.	·90 ·96 30·00	NW 2. NW 0 E 2.	39	44	59	Clear morning – very fine and pleasant day – cumuli and bright sun, with a gentle wind. Wind veered to E after 4 pm, and some distant showers gathered in that Quarter. –	45

April 1847.

1847.	Barometer	Wind.	Thermometer out of doors lowest	8 am	highest	The Weather and Clouds.	Thermometer 8 pm.
Sunday, April 11.	30·04 ·00 29·94	SE 1. SSE 3. SSE 3.	35	43	56	Fine morning some sun, but hazy with thin clouds. More hazy at noon, and a rainy afternoon till after 5, finer evens but cloudy, and after 8 – a little wet again. Very close night. –	44
Monday, April 12.	·80 ·78 ·81	W 1. WSW 1. W 1.	44	51	62	Close morng, low clouds & sun at times, chiefly fine with very warm sun, but many very dark clouds & distant rains, very heavy shower 5 miles to NE – at 4pm. Evens very close, & dark rocky clouds. –	54
Tuesday, April 13.	·98 30·01 ·04	N 2. NE 2. NE 1.	42	43	49	Cloudy and much colder: very little sun all day but more or less cloudy, and cold wind: Evening clearer – less wind, and inclined to be frosty.	39
Wednesday April 14.	·04 ·02 ·03	NE 2. NE 4. NE 3.	35	41	49	In part clear, with low clouds, very cold wind, little flying sleety showers at times, and some very black and raggy clouds. – The evening cold and stormy also. – Night in part clearer – some snow showers.	38
Thursday, April 15.	29·94 30·07 ·13	NE 3. NE 5. NE 3.	34	42	47	Showers of snow early, very cold wind, all day, many clouds with sleet at times, and sun bright at intervals. – New moon 6 am. –	39
Friday, April 16.	·11 ·07 ·02	NE 1. NE 1. NE 1.	34	41	49	Chiefly fine with sun, but many clouds, and some dark ones at a distance, with falls of hail. A little fell here. Fine evening clear and cold. –	38
Saturday April 17.	29·94 ·89 ·93	Var. 0. E 1. Var. 0.	29	40	50	White frost, chiefly clear & calm. – Fine day, mixed clouds & sun, little sleet showers at a great distance, in SE. Upper current from Southward. – Clear & calm evening. –	40
Sunday, April 18.	·92 ·92 ·88	NNW 2 NNW 4 NW	32	40	46	Cloudy more or less, with little gleams of sun, wind brisk and very cold; some falls of hail at a distance: A little rain 9 pm. –	41
Monday, April 19.	·77 ·80 ·85	NW 2. N 1. SE 1.	36	42	53½	Cloudy & hazy – cold morning, clearer after 10 am, very fine and warmer, with curdled clouds & some sun, bright evens, sun set very red in linear haze. –	42
Tuesday, April 20.	·97 ·99 30·02	SE 1. SW 1. SW 1.	34	46	61	Clear – but hazy and very fine morng – bright and warm day, some small cumuli & haze, and very little wind: Close evens, hazy and curdled. – Mild night and hazy. –	48
Wednesday, April 21.	·07 ·09 ·12	W 1. W 0 Var 1. E 1.	40	50	62	Very fine & bright morning but hazy and a very strong electric smell in the air. Bright till after 12, rocky clouds and some very black – accumulated Eastward and passed against the wind which then veered to East, followed by showers, afterwards a bright evens – & red sun-set.	45

April 1847.

1847.	Barometer	Wind	Thermometer out of doors: Lowest	9 a.m.	Highest	The Weather & Clouds.	Thermom^r 8 p.m.
Thursday April 22.	30.18 .15 .16	N E 1. N E 2. N E 0.	38	46	55	Very fine and bright, warm sun, and cool wind, with small cumuli clouds; Clear even^g, moon and stars brilliant.	43
Friday, April 23.	.12 .08 .12	N E 1. E 1. S E 1.	33	46	60	Very fine, bright and pleasant, with few small cumuli – sun very warm but the wind cool. Calm & clear even^g, and Aurora Borealis very bright in NNW – in an Arc & fine yellow columns: cold night. –	43
Saturday April 24.	.08 .10 .11	S E 1. S E 1. Var. 0.	31	45	59½	Sharp white frost early & quite clear, but became warm & pleasant, a very fine & clear day with but little wind. – Sun set very red in haze, some curdled beds of cloud at 8 & 9 pm, very fine even^g. – Strong electric haze 10 pm.	45
Sunday, April 25.	.09 .07 .04	S 1. W 1. N W 2. S E 2. Var 1.	38	49	62	Very fine bright morn^g, and strong electric haze: bright & warm till 1 pm, with rocky blue clouds, soon became very black with many distant showers, and several claps of Thunder Eastward at 2¾ pm, followed by a short heavy shower here at 3½ pm. Fine afterwards but many rocky blue clouds & some distant showers.	48
Monday, April 26.	29.88 .82 .89	S 3. S S W 4. W S W 5. S W 2.	40	47	57	Cloudy with watery sky, rain all the forenoon, at times heavy; windy, & bright afternoon with flying clouds. Hazy evening, and some rain during the night.	49
Tuesday April 27.	.68 .72 .79	S W 3 W S W 6. W S W 6.	44	52	61	Cloudy morning and some rain; cleared off after 9 am, fine and bright with flying clouds, and strong gale of wind all day, very bright near sun-set, and the wind but little abated. –	49
Wednesday April 28.	.75 .71 .68	W S W 5. S W 4. S W 2.	44	52	60	Windy with sun & flying clouds, fine till after 1 pm, then some short flying showers, but more at a distance, and very black clouds. Wind abated, and fine even^g with some clouds.	47
Thursday April 29.	.58 .62 .70	S W 3 S W 4. S W 2.	42	51	62	Bright with rocky clouds, warm but at times windy. A hasty shower 3½ pm with hail, afterwards fine sunny evening & less wind. – Night fine and chiefly clear.	49
Friday. April 30.	.73 .75 .82	W 2. N W 2. W S W 1.	39	47	62	Fine and bright morn^g, afterwards changeable – at times cloudy & at other times bright and warm, some dark clouds – and a short heavy shower before 4 pm. – Cloudy evening. Night clear. –	46
						Full moon 1½ pm. –	

Results for April 1847.

Barom^r: Highest on 22nd – 30.18; Lowest on 2nd – 29.30; range – .88; Mean of Month – 29.84.

Therm^r: Highest on 12th, 21st, 25, 29 & 30th – 62°; Lowest early the 17th – 29°; range – 33; Mean of Month – 46°.116.

The winds very much divided; rain 1.39, Evaporation 3.17, fine days 16: A cold and ungenial time, and vegetation very backward. –

May 1847.

1847.	Barometer	Wind.	Thermometer out of doors: Lowest	9 a.m.	Highest	The Weather & Clouds.	Thermom^r 8 p.m.
Saturday, May 1st.	29.93 .85 .84	W 2. S W 3. S W 3.	37	53	59	Clear, cold & dewy morn^g, rather frosty – the day chiefly fair, many clouds, with sun, and cold wind. Cloudy evening, and rain after 8 pm, and till 11 pm. Milder air & cloudy afterwards. –	47
Sunday, May 2nd.	.74 .76 .78	S S E 2. S 2. S W 2.	46	54	60	Cloudy mild & growing morning, fine day many mixed clouds, and some dark ones, with sun at times. Very black in NNW at 7 pm – a dark arc of cloud drew up with a little rain at 8, & more at 12 pm.	51
Monday, May 3rd.	.87 .89 .93	N W 2. N W 1. W 2. S E 0.	39	50	56	Clear & cold morn^g, many clouds followed, and a very showery and lowering afternoon, heavy rain from a dark nimbus 5 pm. Finer evening, and in part clear. – Night fine, and chiefly clear. –	43
Tuesday, May 4.	.99 30.05 .07	E 1. E 3. E 1.	38½	53	58	Clear and more pleasant, continued fine and sunny, with cumuli clouds, and rather curdled, but a cold breeze. Clear and red sun-set, less wind	44
Wednesday, May 5.	29.92 .87 .92	E 1. E 2. S E 0.	39	52	56	Hazy and cloudy, but clearer after 10 am, very fine day with cumuli and sun, and a cool breeze. Calm and pleasant even^g, and an Arc of curdled clouds – rising from SE.	45
Thursday, May 6.	.87 .85 .88	S S W 1. S 3. S S E 2.	45	54	66	Cloudy & hazy, but soon became bright, very fine, bright and warm day, with cumuli clouds. – More wind towards even^g, but clear and very fine. –	52
Friday, May 7.	.88 .85 .79	S E 2. S E 4. S E 3.	44	61	66	Clear and red sun-rise, bright and warm day, with brisk wind, and cirri clouds, also thin ribbed cirrostrati. – Distant haze in SW, which came up with cloudiness after 5 pm. –	54
Saturday, May 8.	.60 .50 .65	S E 2. S S E 4. S S W 4. S S E 4.	50	60	64	Cloudy and lowering with rain at times and squalls of wind, fine with some sun at 10 am, & 2 pm, afterwards more clouded & black – with hasty rain, and squally wind. –	51

MAY 1847.

1847.	Barometer	Wind.	Thermometer out doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Sunday, May 9.	29·88 ·95 30·01	SW 4. SW 3. SW 1.	49	58	66	Windy with flying clouds, & sun, very fine and bright day, small cumuli, and brisk wind: warm and growing day. Lovely evening, bright & warm with very little wind. Dark clouds at 10 pm. –	56
Monday, May 10.	29·92 ·95 ·91	SE 0. SW 1. W 2. SW 1.	48	58	71	Severe storm in SW at 2½ a.m. with sharp lightning & very loud Thunder, a heavy rain here, but the storm was 4 miles to SSW. – Cloudy morng, became clearer after 10 a.m. bright and beautiful day with electric cumuli and hot. More electric during the eveng very much dappled, hazy and close.	59
Tuesday, May 11.	·70 ·74 ·80 ·81	E 1. SE 1. SW 2. WNW 3 Var. 0.	52	57	62	Overcast close & raining morning, finer after 9 a.m. cloudy till near noon, afterwards at times bright with flying cumuli clouds, calm, bright and serene evening, but heavy rocky clouds in South, and hazy in West. – Mist on the vales. –	54
Wednesday, May 12.	·85 ·85 ·86	SW 1 SW 2. S 2.	47	64	67	Bright and beautiful morng, continued so till near 11 a.m., and hot forenoon, afterwards dark clouds, & a heavy shower at 12, finer afternoon, but hazy with mixed clouds. – Eveng cloudy & red sky. –	56
Thursday, May 13.	·97 ·95 ·94	SW 2. SW 2 S 2.	48	60	69	Chiefly bright with many flying clouds, warm and pleasant day, very growing. – Dark mottled clouds in the evening, and very warm. – Close night.	57
Friday, May 14.	·97 ·98 ·98	SW 2. SW 3. SW 2.	50	62	69	Bright and beautiful morng; and a fine warm & growing day: with sun, and rocky clouds. Some dark ones with distant showers in the afternoon. Warm eveng some mottled clouds. New moon 3 pm. –	57
Saturday, May 15.	30·05 ·06 ·04	SW 2. SW 1. SW 0.	48	62	70	Very fine warm and sunny, with cumuli clouds, and curdled cirrocumuli: hot afternoon, calm and close evening: – & rather hazy. – with wd to SE. –	60
Sunday, May 16.	29·82 ·70 ·74	SE 1. S 2. SW 4. 3. 2. –	53	58	69	Dark and mottled clouds, warm & fine morning, but rain before 8 a.m., heavy rain till 11, then fine, bright and warm with blue haze & rocky clouds. Thunder-shower with sharp lightning at 3 – afterwards again bright, warm, & windy. –	58
Monday, May 17.	30·00 ·06 ·10	WSW 5. WSW 4. WSW 1.	53	59	67	Windy & warm, with many flying clouds, fewer in the afternoon, very fine & chiefly bright, but the evening more hazy, and much less wind. – Night in part cloudy and warm & growing.	58
Tuesday, May 18.	·13 ·05 ·01	SSE 0. SE 1. SE 3.	52	65	69	Hazy sky & rather electric, but fine, calm, and beautiful morng: close and hot till noon, but afternoon hazy, more cloudy and rather cooler. Many dark electric clouds, and rain after 8 pm. – Fine after 9 pm. –	56

MAY 1847.

1847.	Barometer	Wind.	Thermometer out of doors: lowest	9 a.m.	highest	The Weather & Clouds. –	Thermom. 8 pm.
Wednesday May 19.	29·96 30·05 ·02	SW 3. SW 3. SW 2.	51	62	69	Chiefly clear very fine with flying clouds, and sun, warm & growing day, some cirri and small electric clouds upward. – Hazy eveng & a halo. Fine night.	60
Thursday May 20.	29·95 ·98 30·02	SW 3. W 4. W 4. WNW 2.	51	62	65	Very fine & bright morng, with flying clouds and brisk wind. – Many clouds & more wind in the day, with distant showers, but chiefly fine here. – Evening clearer, and less wind. –	58
Friday, May 21.	·20 ·24 ·22 ·23	WNW 3 W 2 W 0. –	49	62	72	Clear, very fine morning, and a fine sunny, and hot day with cumuli clouds; Evening very warm, calm & brilliant, but much red cirrus about the West, – looking electric. – Warm night, yet chiefly clear. –	60
Saturday, May 22. ☌ ♃ ♄	·17 ·12 ·12	SW 1. SW 3. SW 2. 1. 0.	52	67	76	Small electric clouds, but very bright and warm morng; the day bright and very hot, with fresh breeze, and a few white dappled cirrostrati, very electric. – Very hot eveng, and brilliant sun – with some woolly white elliptical cirrostrati & distant electric clouds. – Clear night and nearly calm.	65
Sunday, May 23. Whitsunday	·13 ·04 29·94	SE 2. SE 3. SE 1.	53	68	77	Clear, exceedingly fine, and very hot; trains of beautiful curdled cirro-cumuli in silvery dots on the clear blue, very electric, but continued very bright and extremely hot, – and a brisk wind. Sultry & lovely eveng, more electric, dappled, & gay. – Dark & rocky in SSE & E. with vivid lightning after 8 pm, & some very distant Thunder.	65
Monday, May 24.	29·94 ·99 ·97 30·00	WSW 1. SW 3. SW 3.	61	70	76	Very close & sultry all the night past, and distant Thunder & lightning. Hazy morng – very hot and electric, distant Thunder in the South all noon-time, very hot, with much mixture of gay electric knotty clouds. – Cloudy eveng, and cooler. –	62
Tuesday, May 25.	·20 ·27 ·33	SW 3. SW 4. SW 1.	49	61	69	Clear & windy: very fine and bright day with brisk wind, and flying clouds; – less wind towards eveng, clear and red sun-set. – Clear and dewy night. –	58
Wednesday May 26.	·35 ·32 ·32	SW 2 SE 1. SE 0.	46	63	74	Clear, exceedingly fine, and very hot, a few small clouds, cirri & cumuli. – Very clear evening – sun set in full lustre. – Heavy dew & clear night. –	59
Thursday, May 27.	·26 ·20 ·16	ESE 1. E 2. E 0.	43	69	78	Very great dew, quite clear, and became very hot soon after sun-rise; the heat much increased during the day; very bright with much dappled electric clouds – small & white.	64
						Great signs of approaching storm, but exceedingly fine and hot summer weather for this week past. –	
						Many thunder-storms in the Northern and Midland Counties on 21st 22nd 23rd and 24th. –	

May 1847.

1847.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	The Weather & Clouds.	Thermom 8 pm
Friday, May 28.	30·10 -08 -08 -08	SSE 0 SSE 1 SE ½ SE ½	51	75	87½	Very fine & bright with many distant electric clouds in groups - beautifully formed - and very hot, became quite clear, and but little wind - excessively hot, after 8 am - at noon 86°. 1pm 87½, & so continued for an hour, 4pm 83°. 5pm 80°, & 8pm 72°. Large thunder clouds very distant on the NW horizon - all the evening. - Night exceedingly sultry with distant thunder & lightning.	72
Saturday, May 29	29·97 30·02 -17 -20	Var 0 SSE 1 S 1 WSW 3 2. 1.	62½	70	78	Distant thunder, and very black clouds, a gentle shower at 8 am, excessively sultry and lowering in the forenoon, bright & very hot from 12 to 3 pm; then very black from South, and violent thunder & lightning in S, SE, & E, a shower here, afterwards fine, clear and more wind: evening clear, & less wind. -	63
Sunday, May 30.	·45 ·49 ·53	WNW 1 WNW 1 NW 0	50	66	75½	Full moon - 2½ a.m. Quite clear, very fine and very hot, with but little wind: a few cirri & cumuli in the afternoon but bright & very hot. More electric and dappled with some haze in the evening and very sultry. -	65
Monday, May 31.	·60 ·61 ·61	NW 0 NE 1 Var 0	50	70	77	Quite clear, no wind, continued bright till noon, but more clouded afterwards with sun at times, very hot and close. Evening clearer, and pure golden sun-set.	65

Results for May 1847.

Barom^r			Thermom^r		
	Highest on 31st	30·61		Highest on 28th	87½
	Lowest on 8th	29·50		Lowest on 1st am	37
	Range	1·11		Range	50½
	Mean of Month	30·017		Mean of Month	58·79

The wind chiefly SW & from SE to S, Rain 1·75; Evaporation 5·21, Fine days 25 in number. -

This was a very warm and growing month, hastening on all vegetation at a most rapid rate, so that all nature became clad in highest beauty during the month. The Hawthorn blossomed by the middle of the month, and a great profusion of bloom whitened the hedges at the close of it. - The young corn very luxuriant, and apple and pear-trees promise well, but the Currant and Gooseberry were much injured by birds in the winter and lice now. - The unusual heat after the 21st day was very remarkable, especially on the 28th day. -

June 1847.

1847.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	The Weather & Clouds.	Thermometer 8 pm
Tuesday June 1st.	30·61 -60 -59	NE 1 NE 3 NE 1	49	68	75	Quite clear, exceedingly fine, bright, and hot, with a fresh breeze. Sun set clear except cirri on horizon. - Clear night and much dew.	60
Wednesday June 2nd	-59 -58 -56	NE 1 NE 2 NE 1	49	69	76	Clear, very bright and hot, continued so all day, but some thin linear haze about the SE. Evening clear, and yellow ☉ set, Clear night but rather hazy.	62
Thursday June 3.	-45 -42 -39	NNW 1 N 3 NNE 3	51	68	74	Hazy & sheets of dappled cloud from North, but chiefly bright, very fine & hot, but a cooler breeze, and some light cumuli. Cooler evening - yellow sun-set, and much scud followed.	57
Friday, June 4.	-38 -38 -38	NE 1 NE 3 NE 3	53	65	73½	Cloudy but soon clear, very bright and hot till after 3, then scuds came on, and the evening was clouded and cooler. - Cloudy night and a breeze.	56
Saturday, June 5.	-36 -31 -26	N 2 N 3 N 1	51	60	63	Clouds & sun, some scuds & light cumuli above them, brisk wind and much cooler, but fine and chiefly sun: - Less wind in the evening, grey clouds, and a pale sky. -	54
Sunday, June 6.	-18 -15 -18	NW 3 NW 4 NW 1	47	60	63	Cloudy with sun, rocky nimbi and distant showers at noon, afterwards fair, cool and rather windy, with large cumuli & sun: Evening chiefly clear & very cool.	51
Monday, June 7.	-20 -18 -11	NW 2 NW 1 Var 0	44	58	70	Clear and cool morning, very fine day, many cumuli and sun between, much warmer in the afternoon. Evening cloudy & close. - Night cloudy and chiefly fair. -	59
Tuesday, June 8.	29·94 -82 -81	WSW 2 NW 3 NW 1	49	55	65	Cloudy and rain from 5 am till near 10 am, afterwards showery with hail and distant Thunder, clouds very black in NW & N. Fair & sunny between 1 & 4 pm. After a shower & hail at noon, Th 49° but at 2 pm 65°. Evening cool with many stormy clouds	51
Wednesday June 9.	-88 -97 30·00	NNW 3 N 3 N 0	46	51	63	Frequent showery rain & very lowering, with boisterous cool wind: fine afternoon, less wind & more sun: 2 Parhelia at 7 pm. Calm evening, gay & dappled. Cloudy night and some wet. -	53
Thursday June 10.	29·80 -77 -92	SW 1 NW 3 NW 1	48	53	57	Rainy, gloomy and cool, frequent rain in a showery manner, very little sun, and very cool for the season; fine evening, less wind and clouds lighter. -	53
Friday, June 11.	30·02 -09 -13	NW 2 NW 2 NW 0	46	58	66	Bright sun and flying cumuli, more cloudy in the afternoon & little showers - but mostly fine. - Cloudy & calm evening, and very fine. The clouds very black at times all the afternoon and of various mixed forms. -	55

JUNE 1847.

1847.	Barometer	Wind	Thermometer out of doors: lowest	9 am	highest	The Weather & Clouds.	Thermom 8 pm.
Saturday, June 12. □♂♃	30·10 ·04 ·03	SW$_2$ SW$_2$ SW$_1$	48	63	71	Very fine and pleasant, light clouds & sun with a fresh breeze; Evening bright, & a very hazy sun-set, and distant cirri on Western horizon. New moon after midnight.	61
Sunday, June 13.	29·93 ·87 ·80	SSW$_3$ S$_4$ S$_2$	52	61	67	Cloudy with wind; flying rain at times and gleams of sun. Evening fine, but very cloudy and mottled, with much cirrostratus. — Close night.	62
Monday, June 14.	·72 ·68 ·67	S$_3$ S$_6$ SSW$_3$	58	62	63	Cloudy with serrated cirrostratus, close and electric, low clouds with flying rain at times and strong gale, especially at 1 & 2 pm. but after 4 pm, less, and soon became sunny with very gay curdled sky. Rain after 11 pm. in showers.—	60
Tuesday, June 15.	·64 ·67 ·78	SW$_3$ SW$_3$ WSW$_2$	52	60	63	Very showery & stormy, sun at times, very black and heavy clouds, & continual storms in some one or more points, & several here, and at 3½ pm. a very black and formidable cloud came over with a sharp storm of heavy rain, lightning and very loud Thunder; some hail also fell. Another heavy shower 6 pm. Afterwards fine & clearer.—	53
Wednesday, June 16.	·90 ·82 ·75	SW$_2$ S$_3$ SSE$_4$	47	60	63	Bright morng, and till 11 a.m, afterwards clouds with little flying showers, and more wind: eveng very lowering & rainy at times, rain increased after 9 pm, for a little while but soon ceased.	55
Thursday, June 17.	·72 ·75 ·75	SSE$_2$ S$_2$ SE$_1$	54	63	69	Bright at first but soon followed by heavy rocky clouds & hasty showers at 10 a.m, very close and warm, sun at times: after 11 again fine, bright and very warm with mixed electric clouds. Dark clouds in the eveng, close, & hazy. distant lightning in SE.	59
Friday, June 18.	·73 ·76 ·84 ·88	Var.$_0$ NE$_1$ Var.$_0$ NW$_1$	50	63	68	Calm, close & fine morng, many electric clouds, with hot sun, rocky and black about noon in the North especially, and at ½past 12, heavy rain and lightning and sharp thunder most at a mile Southward. Finer afternoon, but from 5 pm continual rain all the eveng, & at times heavy. Night rainy at times.—	56
Saturday, June 19. △☿♄	·93 30·02 ·05	NW$_2$ NW$_2$ NW$_0$	54	59	64	Gentle rain and dark morng, continued cloudy more or less all day, and very little sun, but finer and less lowering. Evening cloudy and close, but fine, and very little wind.	57
Sunday, June 20. ☌☉♃	·07 ·02 ·00	NW$_1$ NW$_1$ W$_0$	52	59	67	Cloudy and lowering all the morng, but became clearer with sun at times in the afternoon, clouds mixed and electric.— Calm & close eveng, very pleasant but cloudy & dappled.	62
Monday, June 21. Longest Day.	29·93 ·88 ·88	SW$_3$ SW$_4$ SW$_3$	58	63	66	More or less cloudy but fine and warm, with a brisk wind, little sun at times, and curdled electric sky in the evening.— Some distant rocky dark clouds, and stormy signs at sun set.—	60

JUNE 1847.

1847.	Barometer	Wind.	Thermometer out of doors: lowest	9 am	highest	The Weather and Clouds.	Thermom 8 pm.
Tuesday, June 22.	29·85 ·81 ·78 ·79	SW$_2$ S$_2$ SSE$_2$ S$_{1/2}$	53	61	69	Cloudy morng, clearer in the middle of the day, sunny & warm, but hazy with rocky clouds, which again increased after 4 pm, more electric and mixed and some large drops fell.— Fine, calm, & sunny evening, smaller clouds, but stormy looking still.	59
Wednesday June 23.	·77 ·77 ·77	SW$_2$ SW$_3$ SSE$_2$	47	58	67	Hazy & in part cloudy; sunny & warm at times till after 2 pm, but many showers at a distance, and very showery here from 3 pm to 5 pm, some distant Thunder westward. Cloudy eveng, and night.	55
Thursday June 24	·72 ·72 ·72	SW$_3$ SW$_3$ SW$_2$	52	62	68	Fine morng — large rocky clouds & sun, very stormy and electric with more clouds, many showers at a little distance, and some here at 11 a.m, & 3 pm. but chiefly bright and warm in the afternoon & eveng.—	58
Friday, June 25.	·80 ·84 ·89	SW$_3$ SSW$_3$ SW$_2$	54	64	68	Flying clouds and warm breezes; with a little sun followed by flying showers; and some heavy at 1 pm & 7½ pm: Bright & warm in the afternoon from 2 till 5 pm, then very black with much thunder and lightning in S. & SE. and a showery evening.	59
Saturday June 26.	30·07 ·18 ·27	W$_2$ W$_2$ W$_0$	53	67	71	Very fine, chiefly sun, and many cumuli and mixed curdy cloud:— a trifling shower in NW 1 pm: but the clouds loftier and a very fine and curdled evening.—	61
Sunday, June 27.	·33 ·35 ·34	WNW$_2$ W$_1$ W$_0$	50	66	71	Cloudy with little sun, and very warm, but at times lowering and drizzling.— Eveng very close and calm, curdled and hazy. Very close night.	63
Monday, June 28.	·39 ·40 ·41	NW$_1$ NNW$_{1/2}$ N$_1$	59	67	75	Cloudy & exceedingly close but fair; clearer after 12, mostly bright and hot, with mixed clouds & gentle wind: bright till sun-set, afterwards scuds & some wind. — N.N.E.— Full moon 1½ pm.—	62
Tuesday, June 29.	·40 ·41 ·38 ·40	NE$_2$ NE$_2$ NE$_2$	55	65	68	Very close with light scuds, and bright electric clouds above, sun at times, and very pleasant: more clouded after 3 pm, & rather more wind: and the eveng the same. Cloudy night for the most part.	59
Wednesday June 30.	·35 ·39 ·39	NE$_2$ N$_4$ N$_4$	54	65	70	Light clouds and sun: very fine and parching wind, continual flying clouds, and hot sun; very cloudy evening, and the wind very brisk.—	58

☞ Summary of the Month over-leaf.

Conclusive remarks for June 1847.

Barom.r	Highest on 1st	30·61
	Lowest on 15th	29·64
	range	0·97
	Mean of Month	30·059
Therm.r	Highest on 2nd	76°
	Lowest on 7th a.m.	44
	range	32
	Mean of Month	59·47

Prevailing winds the NW and SW, fine days 16 in number, rain 2.34; and Evaporation 4.18 inches. —

This month was often changeable and showery, and not so warm as May, but on the whole a good month for the grass crops, & garden vegetables. — At the end dry and favouring the Hay-harvest in the South.

July 1847.

1847.	Barometer	Wind	Thermometer out of doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermometer 8 pm.
Thursday, July 1st	30·39 ·40 ·41	N 3. NNE 3. N 3.	54	60	66	Cloudy more or less, and a brisk wind, much clearer after 2pm. flying clouds and sun, with brisk wind. Evening clouded over and wind as before.	57
Friday, July 2.	·37 ·39 ·35 ·33	N 2. N 2. N 2.	53	59	67	Very cloudy till 2pm, afterwards clearer very fine and sunny with thin flying clouds. Even.g very cloudy, the night also.	56
Saturday, July 3. □☉♂	·27 ·23 ·22	NE 2. NE 1. NE 0.	54	65	72	Very fine, lighter clouds & soon quite clear bright and hot, and the even.g lovely sun brilliant orange-color, & set in fullest splendor. — Twilight strong, & no wind.	62
Sunday. July 4.	·16 ·14 ·11	Var. 0. SE 1. SE 0 & 1.	49	65	78	Fog till near 8 am, then bright all day and very hot, a few distant cirri in the West, and no other clouds: — but in the even.g many cirri in thick beds with haze. Fog after 9 pm: — close night.	64
Monday July 5. △☉♄	·09 ·08 ·08	SSW 1. SW 0. Var 0.	56	69	81	Fog till after 7, then very clear, bright all day & very hot: some small electric clouds cirri & cirrocumuli at times, and in the even.g more curdled & gay. — Sultry & calm.	69
Tuesday, July 6.	·04 ·01 ·01	SW 1. SW 0. Var 0.	58	69	84	Very foggy morn.g, but soon bright and very hot with rocky cumuli; afternoon brighter no wind, & extremely hot. Some small knotty electric clouds at 4 & 5 pm. Even.g quite clear, sun-set in full splendor. —	71
Wednesday July 7.	29·97 ·92 ·96 30·01 30·01	E 1. Var. 0. E 2. E 0 S 2 SW 1.	62	70	79	Black clouds with much lightning & Thunder from 3 till after 6 a m; and a very sharp storm came over at 6 a m, very severe lightning, and awful snapping thunder: afterwards fair, & very hot & sultry with thick haze, and dusky clouds. Distant thunder till 2pm. Bright evening, dappled & gay, and sun set clear.	67

July 1847.

1847	Barometer	Wind	Thermom.r out doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm.
Thursday, July 8.	30·03 ·02 ·06	SSW 1. S 0. SE 2.	54	67	69	Very hazy and close, more clouded after 9. gentle rain from 10 till near noon, fine afternoon, sun bright at times, but many rocky clouds, and in the even.g large cumulostrati and mixed electric groups.	63
Friday July 9.	·17 ·20 ·24	WSW 2. SW 2. SW 2.	54	64	76	Very fine, light cumuli and sun: during the day much mixed cloud, but very fine sunny and hot: Hazy evening and much curdled cloud, with a warm breeze.	67
Saturday, July 10.	·27 ·27 ·27	SW 3. SW 3. SW 2.	59	71	79	Light clouds & sun, very hot and sultry, although a fresh breeze all day: evening exceedingly sultry and oppressive. dark mottled clouds, and light breeze. — Exceedingly close and hot night.	73
Sunday, July 11.	·28 ·29 ·30	SW 2. SW 2 SW 0.	65	74	83	Light clouds, haze, & sun, excessive hot & oppressive: many mixed clouds in the afternoon very electric, and a hot breeze. — Evening very oppressive, and a curdled sky and very little wind. Clear after 10 pm. —	74
Monday, July 12. New moon 11½ a m.	·31 ·33 ·32	W ½. W 1. W 0.	63	78	86	Deep red sun-rise, clear and extremely hot morning: and the day chiefly bright with cumuli & very gay electric curdled sky, and excessively hot. The even.g the same, and sun set red in a haze. —	75
Tuesday, July 13.	·36 ·36 ·37	Var. 0. W ½. SE 1. E ½.	63	77	89	Sun rose deep red in fog, soon quite clear and excessively hot, some cumuli during the day, but almost constant Sun, and a yellow haze after 4 pm, and wind veered to SE. & E. — Sun set deep red in cream colored haze. — Very hazy night, and a few clouds at first.	72
Wednesday July 14.	·37 ·33 ·33	Var. 0. SE 2. SE 1.	59	79	88	Sun rose red in haze, continual haze and sulphureous cumuli, but bright and excessive hot, no wind till 1 pm, afterwards a breeze, but the even.g hazy & very hot, and less wind again. Sun set very red and defined.	73½
Thursday July 15.	·32 ·31 ·27	E ½. ESE 2. E 1.	63½	74	80	Foggy till after 8, cloudy till 10, afterwards bright and very hot, with a pleasant breeze, and loose cumuli. Very clear evening & sun set red in bluish haze. — Clear night. mist on the valleys. —	67
Friday, July 16.	·23 ·18 ·18	E 0. E 2. E 1.	60	72	83	Fog early, cleared at 8 a m, exceedingly fine bright and extremely hot, a gentle wind after 2pm, and a few small clouds; Sun set in cirri and dusky haze. — Distant lightning after midnight.	67
Saturday July 17.	·16 ·12 ·16	N 2. NE 2. ENE 2. ENE 2.	59	64	68	Dark Arcs of cloud about the SW, W, & NW, with continual Thunder & lightning from 5 a m — till noon, and heavy rain at times, between 8 & 11 a m; but the Thunder distant westward. — Fine afternoon sun & scuds, and curdled upward. Even.g cloudy & close.	63

☞ { The great heat of the weather this month approaches to that of last summer — and for the first 16 days of this — the Average Temperature was near 68½! —

July 1847.

1847.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm.
Sunday July 18.	30·20 ·22 ·23	NE 2. NE 2. SE ½.	58	67	73	Flying clouds & sun, very fine bright and hot, with small cumuli in the day: and some light fibrous cirri at 4 & 5 pm. Very bright evening.	63
Monday July 19.	·14 ·09 ·09	E 0. SE 1. E 1.	48	67	77	Clear above, fog below, very sunny and hot day with small curdled cirrocumuli dense and lumpy, very electric arcs across the South all day. Dappled even.g, and streaks of haze.	65
Tuesday July 20.	·00 ·03 ·03	N 1. N 1. NW 0.	53	67	74	Many clouds but fine and hot, chiefly sun, and less cloudy, cumuli & mixed clouds but bright: Calm and close evening some hazy cirrostrati and electric rocky clouds.	64
Wednesday July 21.	·01 ·05 ·11	Var. 0. SE 0. SW 1. 0.	54	67	76	Hazy and curdled with dark blue clouds, but very fine and hot sultry air, no wind, and but little sun. Sun set red in coppery haze, very close evening, & no wind, but after 9 pm a little breeze.	69
Thursday July 22.	·17 ·17 ·26	SW 3. SW 3. WSW 1.	60	67	77	Cloudy & lowering, with a little drizzle at 9 am, cloudy till noon, then bright with curdled clouds, & very hot, a sudden heavy shower at 4 pm then again bright and clear sun-set.	65
Friday, July 23.	·34 ·34 ·33	W 2. W 2. NW 0.	52	65	73	Clear: very fine and sunny with cumuli clouds, and fresh breeze; more clouds in the afternoon, but a very clear evening & golden sun-set. Clear night.	62
Saturday July 24.	·30 ·23 ·19	NE 1. E 1. SE 2.	48	68	75	Clear morning & very dewy, continued very bright and hot till after 1 pm, afterwards many mixed clouds, some rocky and electric, and the even.g very hazy and thick.	62
Sunday, July 25.	·11 ·08 ·05	E 2. NE 3. NE 1.	51	64	70	Hazy & very gay, during the morn.g, the forenoon chiefly sunny with many cumuli, and fresh breeze: more cloudy in the afternoon but fine & pleasant. Evening hazy & watery sky. Yellow sun-set & red clouds.	60
Monday, July 26.	·04 ·08 ·15	N 1. N 2. N 0.	53	68	74	Very fine, bright and hot with cumuli clouds, cirri, and pleasant breeze. Evening very bright, & no wind; some cirri about the West. Clear night.	62
Tuesday, July 27.	·20 ·21 ·23	WNW 1. W 2. WSW 1. 0.	51	69	80	Very fine, clear morning, bright and very hot, continued bright & at times calm evening more hazy, and the sun set red in streaks of dusky haze. Full moon 10 pm.	68

July 1847.

1847.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm.
Wednesday, July 28.	30·17 ·15 ·15	W 3. WNW 3. WNW 3.	57	64	73	Hazy with cirri, scuds, and wind, continued very hazy, and close with blue clouds & brisk wind; from 1 till 3 pm brighter with small electric clouds, afterwards again cloudy and very sultry evening, although the wind continued.	67
Thursday July 29.	·17 ·22 ·25	NW 2. NW 1. 0. SE 2.	59	65	80	At 2 am clear, but cloudy after ☉rise, very fine and close, and became clearer after 10 am, some sun, and sultry air, with soft flimsy and light cirrostrati: very hot after noon, and more sun: evening bright.	65
Friday, July 30.	·17 ·13 ·13	SE 2. S 1. SW 1. SW 0.	59	74	82	Bright with gay electric clouds thickly grouped gentle breeze, but very hot: chiefly sunny till after 12, but with many mixed electric clouds, more hazy after 1 pm, undulating cirrostrati & some drops of rain, again bright after 4, and a sunny even.g and salmon tinted sun-set.	67
Saturday July 31.	·20 ·20 ·20	W 1. W 2. Var. 0.	52	69	81	Fog all the morning, clear after 7, very fine bright and very hot, some small cumuli and cirrocumuli. Haze & cirri in the evening, but very hot and sultry air and little or no wind.	71

Results for July 1847.

Highest Barom.r on 1st	30·41
Lowest on 7th	29·92
Range of month	·49
Mean of month	30·193 !
Highest Thermom.r on 13th	89°
Lowest on 19th & 24th morn.g	48
Range of month	41
Mean of month	66·66 !

Prevailing winds SW. but distributed much in all points. Fine days 28. Rain only ·99 of an Inch, and Evaporation 5.54 Inches.

☞ This month was very dry and excessively hot, altogether equal to last Year and in the Southern Counties the Thermom. on 13th and 14th stood higher than ever recorded: at Uckfield Sussex on 14th 98°, and 3 men and 4 bullocks dropped dead!

The hay harvest was over early in this month & the bulk great.

Corn-crops luxuriant & quite ripe on 31st.

AUGUST 1847.

1847.	Barometer	Wind.	Thermometer out-doors. lowest	9 am	highest	The Weather & Clouds.	Thermom 8 pm.
Sunday, August 1.	30·20 ·16 ·13	Var 0. SSW ½ S 0. SSE 1	54	74	87	Quite clear, no wind, and excessive hot, continued clear, & no wind till after 2 pm then a pleasant breeze, but still clear and extremely hot. A very dazzling sun-set, neither cloud nor haze. —	73
Monday, August 2.	·04 29·98 30·02	Var. 0 SW ½. W ½. E 1. NNE 3.	57	76	89	Red sun-rise, gay and rippled sky; some beautifully curdled clouds, became very bright and excessively hot; very little wind, and sometimes none: a few small rocky headed clouds after 2pm. Therm 89° for near 2 hours and at 4 pm 85°. after this hour many electric clouds came on, dark rocky kinds, and elliptical white cirrostrati, followed by much scud & a brisk breeze from NNE all the evening. A short shower after midnight.	68
Tuesday August 3.	30·12 ·14 ·15	NW 3. NW 3 W 1.	55	67	74	Clear & cooler, but very bright all day, with cumuli clouds, brisk air, and a few cirri, very clear evening & sun set the same. A few small cirrostrati in NW. —	64
Wednesday, August 4.	·11 29·98 ·94	SW 0. SW 3. S 3.	45	70	79	Quite clear, dewy morng; continued very bright, and very hot: but more clouds & wind after 2pm, cirri, cumuli & mixed groups. Evens hazy & dappled – and 2 bright Parhelia – at 6½ pm. —	65
Thursday August 5.	·79 ·73 ·68	SW 3. SW 2. SW 0.	56	64	74	A short heavy shower 6 am, fine with sun, & many mixed clouds till 2pm – then showery. Evens fine, clouds dark and rocky, and wind less. – Distant lightning in SE 10pm. —	64
Friday, August 6.	·61 ·70 ·83	N 3. NE 3 NE 1.	58	64	69	Much cloud & lowering till noon – clearer after 1pm – pleasant day – with cumuli, cirri, & sun. – Evening bright and less wind. Clear night.	61
Saturday August 7.	·88 ·86 ·83	W 1. SW 3. SW 3.	53	66	76	Very fine, clear morng: clouds in the day, mixed and electric, many curdled & a beautiful sky with sun, and very hot. Evens close, lowering & hazy with a little wet at times.	65
Sunday August 8.	·85 ·85 ·85	SW 2. SW 2. SW 1.	54	66	73	Fine & bright with flying cumuli & dappled Arcs, electric mixture of clouds & hot sun. At 4 pm – a heavy shower, afterwards again fine with mixed clouds & sun. Fine night and cooler. —	59
Monday. August 9.	·82 ·88 ·94	WSW 3. W 2. W 1	52	63	68	Flying clouds, lowering & a little wet, but soon finer with sun & mixed clouds, some rocky – and a brisk wind, showery after 3pm, but a fine evening. —	58
Tuesday August 10.	30·01 ·03 ·01 ·03	S 2. S 4. S 3.	47	60	67	Very lowering & cloudy, with squalls of wind, a little rain in the forenoon, but a fine afternoon, many dark clouds and some sun: cloudy evens, but fine. New moon at midnight.	62

AUGUST 1847.

1847.	Barometer	Wind.	Thermometer out-doors. lowest	9 am	highest	The Weather and Clouds.	Thermom 8 pm.
Wednesday August 11.	30·17 ·22 ·25	SW 1. SW 2. SW 1.	54	67	77	Very fine, bright and hot day, with small cumuli, and dappled cirrostrati: evening bright and very warm, sun set clear except light mottled clouds — Several meteors fell to S, after 10 pm. —	68
Thursday August 12.	·25 ·23 ·23	SSW 2. S 4. SSE 1. & 0.	61½	79	86	Very fine with dappled arcs & scuds, much hotter again, although a breeze. – Therm soon after 8 am 74°, and at ½ past 10 – 83°. Continued chiefly bright, and dappled, very gay & electric, and extremely hot, the wind still brisk, but abated in the evens, Therm at 7 pm 78°. Very gay & mottled sky. – Clear night and meteors falling. —	75
Friday, August 13.	·32 ·38 ·42	NW 2. N 1-2. N ½.	59	70	77	Many thin cirrostrati in the morns, soon became bright, and very hot, with small cumuli, and some cirri & dappled cloud. Many horizontal clouds after sun-set in NW, and their upper edge indented. —	63
Saturday August 14.	·45 ·46 ·45	NE 2. ENE 4. E 2.	54	66	72	Chiefly bright with flying cumuli and a cool and brisk wind; the same all day but the sun very hot. – Fine evening and chiefly clear, wind less. —	62
Sunday, August 15. △ ♃ ♄	·38 ·36 ·33	ENE 3. NE 3. NE 3.	54	68	74	Light flying clouds and brisk wind, but more sun after 9 am; became hazy, very gay knotty clouds, hot & electric all the afternoon. Evens also hazy & very dappled & gay. – Distant lightning all night. Southward.	62
Monday August 16.	·25 ·29 ·21 ·19 ·18	All points 0 NW 1. Var 1.– NE 1. NW 2. (All the storms came from ESE, and the under current remained NW all the time)	60	64	68	Much thunder all the morns. in N, E, & SW, at a distance, many currents of clouds, and some heavy rain at times; clearer & finer after 3 pm, but many electric clouds all the evening, and very close: – Lightning began soon after 8 – in SSE. increasing fast, and from 10 pm till after midnight, four severe storms, the lightning awful, and incessant from all points for above 6 hours, heavy rain at times, and the Thunder sometimes terrific: – the clouds exceedingly black and knotted: but the body of the tempest was a few miles SW. —	66
Tuesday, August 17.	·15 ·17 ·21	NW 1. WNW 2 Var. 0.–	63	71	80	The Storm cleared off. soon after 1 am, but lightning continued in the NW & N. – fine and bright morns hot & oppressive. Rocky groups in NNW. till 8 am. – Very fine day, and very sultry, with thin clouds & sun. – Very distant Thunder nearly all the afternoon. – Very close and sultry all night, also foggy. —	70
Wednesday August 18.	·25 ·23 ·28	NE 1. N 2. NE 1.	63	72	80	Fog till 7 am, cloudy & close, but sun at times, very sultry heat –, more clouds, and wind after 4 pm: Cloudy dark & close evening, – a little light drizzle.	66
Thursday August 19.	·28 ·24 ·24	NE 1. NE 2. NE 1.	62	65	71	Cloudy & close till 2pm, afterwards clearer and some sun; very fine and pleasant with light clouds. Fine evening, and some clouds, but chiefly clear at sun-set.	62

August 1847.

1847.	Barometer	Wind	Thermometer out-doors lowest	9 a m	highest	The Weather & Clouds.	Thermomr 8 pm.
Friday, August 20.	30·16 ·06 ·08	E 1. E ½. S E ½	59	63	76	Very cloudy till 10 a m, became very bright & hot all the afternoon; evening very bright, and nearly calm:– 9 pm, moon bright, mist on the vales.	66
Saturday August 21.	·07 ·02 29·96	N E 0. N E ½. Var. ½ S W 1.	56	68	79	Very fine & bright; continued so, and very hot, with little or no wind & small cumuli only, but in the evens some cirri and fine woolly cirrostrati tinged red – and the sun set very red & clear, but watery.	67
Sunday. August 22.	·82 ·82 ·87	S W 3. S W 1. W ½.	58	66	67	Clear at first with dappled sky, cloudy after 8, wind & much low cloud with a little wetting at times till 12, fine afternoon pleasant and some sun, many mottled cirrostrati, and less wind. Evening calm gay, dappled & very red.–	59
Monday August 23	30·02 ·09 ·16	N 3. N 5. N 3.	52	60	63	Cloudy more or less, some sun, & a brisk wind More cloudy near noon, and flying showers, fine & sunny after 2 pm, but many heavy clouds, and the wind boisterous & very cool. Evening chiefly cloudy & windy. –	56
Tuesday August 24.	·21 ·23 ·26	N 3. N E 3. N E 2.	51	61	65½	More or less cloudy, with some sun, and a brisk wind; but fine and pleasant.– Evening clearer and less wind.– Bright and beautiful moon-light night.–	58
Wednesday August 25.	·22 ·19 ·22	N E 2. N E 2. E 1.	52	64	72	Very bright, and continued so chiefly all day, but more cumuli after 12, very fine and hot, with a pleasant breeze.– Rosy evens, & many collapsed cirri. –	60
Thursday August 26.	·25 ·30 ·35	N E 1. N N E 2 N E 1.	51	63	71	Light clouds, cirrostrati & cumuli, with hot sun, afternoon quite clear, and the evens also. – Moon at full 6 a m:– and shining very beautifully this evening. –	60
Friday, August 27. ✱ ☌♄ · □♀♃	·38 ·38 ·40	N W 0. W ½. S E 1.	47	63	78	Clear & dewy morns, continued exceedingly fine with white ribbed cirro-cumuli & bright sun. Very hot day, and very little wind: some dark & knotty clouds in the evens. Close night & very fine. –	64
Saturday, August 28.	·42 ·38 ·35	W ½. W ½. S W 0.	55	70	82	Very fine, bright and very hot till 1 pm, afterwards many cumuli clouds; and the evening very sultry & close, with grey curdled clouds and no wind. –	69
Sunday, August 29.	·25 ·27 ·23 ·23	W N W 2 N W 2. N W ½.	59	60	70	Hard rain from 4 till 7 a m, and some squalls of wind, became fine with some sun, and rocky electrical clouds: very fine & pleasant afternoon, chiefly bright, with very rocky cumuli & cumulostrati, very gay & electric. evens the same. –	59

August 1847.

1847.	Barometer	Wind.	Thermometer out-doors lowest	9 a m	highest	The Weather & Clouds.	Thermomr 8 pm
Monday August 30.	30·20 ·11 ·09	N W 1. N W 1. W 0.	51	59	65	Foggy morning, and mixed electric clouds above the fog: bright in the forenoon & till 1 pm with many cumuli & dappled arcs, more clouded in the afternoon. Cloudy dark and close evening. –	60
Tuesday. August 31.	·03 ·11 ·15	W 1. W N W 2 N W 0.	57	61	66	A little shower at 3 a m. fine but cloudy more or less, & little sun during the forenoon; the afternoon the same, and very pleasant. Calm and close evening, curdled and gay on all sides. After 9 pm became clear, and a very fine clear night. –	61

Results for August 1847.

Baromr	Highest on 14th	30·46	Thermomr	Highest on 2nd	89°
	Lowest on 6th	29·61		Lowest early on 4th	45
	Range	·95		Range	44
	Mean of Month	30·12		Mean of Month	64·596

Prevailing winds N E & S W. Rain 1·66: Evaporation 5·21, and the number of fine days 25.

This month proved remarkably fine for the Harvest throughout England, and at times very hot, somewhat similar to last Year.– The corn crops generally abundant and well secured. The bulk of straw was unusually great, even so, that more corn stacks appeared on every farm than was ever remembered to have been seen.– The quality & weight of the wheat per Coomb came short of last year but the quantity perhaps more than made up for it.– This was truly a season of abundance and such as ought to call forth a National thanksgiving – for so merciful and gracious a supply after a period of apparent scarcity and dearness! The unusual dryness of the weather for the last 8 months is most striking, and it is surprising how the crops should have been so heavy with so little deposition of moisture!

September 1847.

1847.	Barometer	Wind.	Thermometer out of doors lowest	9 a.m.	highest	The Weather & clouds.	Thermom 8 pm.
Wednesday Septr 1st	30·00 29·90 ·80	SW1. SW4. W4. W3. NW5.	50	62	67	Gay and dappled sky with bright sun, more wind as day advanced. cumuli and small electric clouds but chiefly sun till 12, afternoon more hazy, many darker clouds, & a little wet with squalls of wind: Short & hasty shower 6pm. — Fine even^g, & less wind: — but after 9 hard gales all night.	57
Thursday, Septr 2. 8 ☉ ♄	·79 ·93 30·02	NW5. NW6. NW1.	50	58	62	Very stormy, heavy clouds & gusts of wind, black clouds in the afternoon hard gales & little flying showers with sun between: Fine & very cool even^g, and chiefly clear, wind much abated. —	52
Friday, Septr 3.	·05 29·92 ·79	W1. WSW3. SSE2. SW3.	43	52	57	Hazy & cold morn^g, more hazy, cloudy, & more wind: rainy after 2pm — more or less till evening, wind veering much between SE & W. — Therm^r 51 at 5 pm — afterwards again higher. — Night cloudy and windy, but finer.	54
Saturday, Septr 4.	·90 ·95 ·97	NW2. NW2. NW0.	45	54	63	Clear morning, and a fine sunny day, with cumuli clouds & a cool wind; evening very cool, and chiefly clear: very little wind, and a few small dusky clouds. —	50
Sunday, Septr 5.	·95 ·93 ·93	NW2. NW2. NW2.	42	51	58	Cold morn^g, chiefly clear, & a fresh breeze, many clouds followed, cold & unpleasant day till 2pm — & some showers — more sun after 2 — but a shower passed with one loud clap of Thunder at 3 — a little Northward. Bright from 4 till 6, showery & cold even^g.	47
Monday, Septr 6. *☉♃ - △☉♂	·93 ·97 30·02	NW2. NW2. NW½.	43	53	66	Clear & chilly morn^g, bright with cumuli clouds, most of day, but some distant showers after 4pm, & one very near at 5 in SW. some large drops fell. — Even^g fine with many dark clouds. —	52
Tuesday. Septr 7.	·08 ·05 ·02	W1. W1. SW½.	44	54	66	Clear morn^g, continued bright with cumuli clouds, & gentle wind, exceedingly fine and pleasant; calm evening, rather clouded and close; and a change to warmer air. — Gentle rain during night. —	57
Wednesday, Septr 8.	29·95 ·98 30·02	SW½. NW1. NE0.	54	59	69	Overcast & drizzly morning: cleared at noon bright & beautiful afternoon: and the evening the same; and a very fine, & clear night, mist on the valleys, and no wind.	58
Thursday, Septr 9.	30·14 ·17 ·20	W0. SW2. SW1.	47	55	70	Clear except linear cirri, very fine & sunny day, warm and pleasant, with cirri clouds, & fresh breeze. Close even^g and much red cirrus. New moon 4pm.	63
Friday, Septr 10.	·22 ·22 ·22	SW2. SSW1. SSW1.	52	63	68	Very fine & clear, continued fine, but close and cloudy all the middle of the day, again bright after 4 pm, and lovely evening, with dappled sky. —	61

September 1847.

1847.	Barometer	Wind.	Thermometer out of doors lowest	9 a.m.	highest	The Weather & Clouds.	Thermom 8 pm.
Saturday, Septr 11.	30·21 ·18 ·14	NW2. W1. WSW1.	54	62	71	Very fine but the morn^g cloudy & some fog, cleared after 10, very bright & hot day, & no cloud in the afternoon. — Even^g hazy & much red cloud.	60
Sunday, Septr 12.	·00 29·98 ·97	SW4. SW5. SW3.	53	62	71	Flying clouds & windy morn^g, cleared before 10 — very bright with hot sun, and thin flying clouds; the wind very brisk, and rather boisterous: Cloudy evening, sun red & gilded the trees while setting in a beautiful manner. Close air and less wind. Very close night. —	64
Monday, Septr 13.	·90 ·91 ·95	SW3. SW1. N2. N0.	60	64	64	Overcast, light rain all the morn^g, and very sultry air, but after 12 — a sudden coolness & turn of wind. Therm^r 2pm 56° — or 8 lower than during the forenoon. Continual drizzling the rest of the day, but closer again in the evening. Heavier rain at midnight.	55
Tuesday, Septr 14.	·96 30·00 ·02	W2. W3. W1.	47	56	64	Rain till 3 a.m. — bright morning, continued sunny with rocky cumuli & wind: but some heavy clouds in the even^g, showers at a little distance, and lightning in the SSE, after 8 pm, & some in NE.	52
Wednesday. Septr 15.	·00 29·96 ·94	WSW1. WSW3. W3.	45	57	62	Clear morn^g, continued bright with rocky cumulostrati; till after 1pm, then darker clouds & a hasty shower with some hail afterwards again fine & sun at times: Hazy even^g & watery sky. — Much rain during the night.	52
Thursday, Septr 16.	·45 ·40 ·43	W4. W7. W6.	51	61	63	Hard rain all the morn^g, & showery till after 7 a.m, afterwards sun, wind & flying clouds; a very strong gale all the afternoon, but mostly sunny & warm. Stormy even^g & a heavy shower with a gale at 7pm. — The fruit torn off the trees very much to day.	54
Friday, Septr 17.	·60 ·47 ·43	W5. W3. W2.	49	53	59	Windy & very hazy but fine till noon, then lowering & rainy, wind ceased, more or less rainy all the afternoon and evening, but after 9 pm. fine and at times clearer.	51
Saturday, Septr 18.	·50 ·64 ·78	W4. W5. W3.	46	51	59	Clear but soon scuddy & windy; and a cold & cloudy forenoon; bright afternoon with few clouds, and very drying, and the evening quite clear. —	48
Sunday, Septr 19.	30·04 ·04 ·00	W3. W3. SW3.	44	52	60	Clear morn^g, and continued chiefly sunny with light clouds, and cool wind: and many thin undulated cirrostrati in the afternoon, but fine. Mottled arcs of cloud & haze in the even^g. —	52
Monday, Septr 20.	29·72 ·85 30·00	W4. W5. NW5. W2.	50	55	62	Rain at 1 a.m. windy morn^g, but fine & clear and continued bright with cumuli till 3½ pm then black in NW. & W. followed by a heavy shower from NW. Evening fine, and nearly clear.	49

September 1847.

1847.	Barometer	Wind.	Thermometer out doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm.
Tuesday, Sept. 21.	30·19 ·21 ·20 ·12	W 1. SW 3. S 3. SSE 3.	41	49	59	Calm & hazy morng, more or less hazy with much cirrostratus, & dim sun, became very cloudy after 2 pm, and wind veered Southward, followed by rain at 5 pm and a very rainy evening. — More or less rainy all the night.	53
Wednesday, Septr. 22.	·09 ·13 ·16 ·18	SW 2. WSW 3. SW 1.	52	60	69	Very rainy & warm morning, but became fine & clearer after 10 a m; very warm and some sun in the mid-day, but cloudy and close after 1 pm, yet fine and very warm; sultry eveng - cloudy but thin & lofty grey clouds only. - Night nearly clear.	63
Thursday. Septr. 23.	·10 ·07 ·12	SW 2. SW 3. SW 2.	51	60	67	Cloudy but soon clearer & very warm; a pleasant & fine day - sun at times, and rather gay & curdled sky, at other times more clouded & close. Beautiful eveng, warm & pleasant, dappled sky & bright moon. —	60
Friday, Septr. 24.	·27 ·29 ·32	WSW 1. W 1. NW 1. Var. 0.	51	56	62	Hazy with much cirrostratus; and chiefly cloudy all the forenoon; very pleasant calm & bright afternoon and a red sun-set. — Evening bright moon-light, & no wind. Full moon 2 pm. —	52
Saturday, Septr. 25.	·21 ·05 ·00 ·05	WSW 1. WSW 3. W 3. W 2.	45	52	65	Hazy & very much dappled, fine & sunny forenoon, drying & pleasant, but after 1 pm became cloudy for an hour, afterwards clearer, with a very warm breeze, flying clouds, and sun. A very electric sky all day. — Very warm evening with light clouds. —	59
Sunday, Septr. 26.	·25 ·30 ·35	NW 1. NW 2. NW 1.	50	53	60	Cloudy but soon clearer, very fine & drying, then clouds & sun, with a cool breeze: Evening chiefly clear - & bright moon. - Much cirrus at 5 pm. —	47
Monday. Septr. 27.	·34 ·38 ·40	NW 1. NW 1. N 0.	42	50	60	Very fine with grey clouds & sun; more sun in the afternoon, and very little or no wind - and the evening very clear calm, and cold. The twilight remarkably strong.	45
Tuesday, Septr. 28.	·40 ·43 ·44	N 0. NE 1. E 1.	38	48	57	Cold morning, became cloudy before sun-rise, continued cloudy but very fine and scarcely any wind: — Evening calm & warmer, with thin clouds. —	51
Wednesday Septr. 29.	·45 ·46 ·46	E 1. E 2. E 2.	49	58	64½	Very fine with light grey clouds, continued very fine, with cumuli and sun; Evening more cloudy, warm, and rather more wind. — Night clearer after 10 pm.	54
Thursday Septr. 30.	·40 ·33 ·30	ENE 2. E 2. NE 2.	47	57	61	Very fine, bright sun, and cumuli, rather more cloudy in the afternoon - but still very fine. Very cloudy evening. Night also very cloudy, and warm. —	52
						The last week has been very drying weather. —	

Results for September 1847.

Barom.	Highest on 29th	30·46	Thermom.	Highest on 11th	71°
	Lowest on 16th	29·40		Lowest on 28th a.m.	38°
	Range	1·06		Range	33
	Mean of Month	30·03		Mean of Month	55·67

Rain 1·77. Evaporation 2·89. — Fine days 21.

This month was stormy & unsettled far different to its more common character, and often gloomy & cool, yet on the whole a fine month, for the fall of rain was trifling - as has been the case all this Year.
Many cases of fever prevailed, and other kinds of sickness, especially swellings of the glands - as Cynance &c. — Principal winds Westerly.

October 1847.

1847	Barometer	Wind.	Thermometer out doors: lowest	8 a m	highest	The Weather & Clouds.	Thermom. 8 pm.
Friday, Octr. 1.	30·18 ·20 ·19	NE 2. NE 3. NE 2.	51	57	61	Low clouds with flying drizzle at times; some sun-gleams, & a warm atmosphere. Continued cloudy & warm with frequent drizzle. Evening dark, cloudy, close and mild. Fine night & a drying breeze. —	54
Saturday Octr. 2.	·17 ·21 ·23	NE 1. ENE 2. NE 2.	53	56	59	Cloudy but very fine and pleasant, the clouds much loftier. some gleams of sun - but mostly cloudy: evening very cloudy, and some drizzling at times, but a fine and close night.	51
Sunday, Octr. 3.	·32 ·30 ·30	Var. 0. NW ½. Var. 0.	49	52	60	Cloudy, but the clouds lofty & thin, very fine, calm and mild. clearer after 11 very pleasant and lovely Autumnal day. little or no wind, grey & thin clouds with sun: upper current moving from SE, as shewn by the action of the clouds.	52
Monday, Octr. 4.	·20 ·11 ·05	E 1. E 2. E 0.1.	47	52	65	Clear, bright and beautiful morng, some very light dapple clouds; a lovely, warm, and sunny day with much electric dappled cloud more cloudy with some cumuli after 2 pm. Clearer night. fog on the valleys. red ☉ set.	51
Tuesday, Octr. 5.	29·90 ·87 ·80	NE 1. NE 1. E 0.	43	50	59	Chiefly clear, but soon cloudy, with mixed electric clouds; some very dark ones, and a little sun at times: calm evening, and very cloudy, but clearer during night. —	50
Wednesday Octr. 6.	·79 ·79 ·78	E 1. E 2. ESE 2.	44	52	59	Very fine with grey clouds all the forenoon, afterwards bright with cirri & light cirrostrati; very pleasant & warm, with a drying breeze. — Windy & warm night, and a very little wet. —	51
Thursday, Octr. 7.	·70 ·67 ·65 ·70	SE 4. SE 3. SW 3. W 3. 2. 1.	50	57	66	Cloudy & electric, curdled above, & scuds below. became very bright and very warm with curdy white clouds, & cirrostrati in plane forms, lovely & summer like day till 5 pm, then black & rocky in S. & SW, and a severe Thunder-storm vivid lightning & heavy rain till after 6; became fine & clear night. Distant lightning. —	51
Friday, Octr. 8.	·87 ·90 30·00	WSW 2. W 3. SW 1.	43	48	63	Clear morng, continued fine & sunny till 3 pm, clouds knotty & electric & some cirri upward. Dark in the West at 3 - followed by a little rain, but more in the S. Fine & pleasant eveng, rosy sun-set, and mottled clouds, with but little wind. —	51

October 1847.

1847.	Barometer	Wind.	Thermometer out of doors: lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm.
Saturday, Octr. 9.	30·00 30·02 ·03	SW 1. SW 1. SW 0.	50	52	63	**Great Solar Eclipse** - 6¼ to 9 am. – New moon at 9 a.m. Heavy rain from 2 a.m. & continued more or less rainy & unfavourable for seeing the Eclipse: became fine after 7 & clearer after 9, very warm sunny & pleasant afternoon, with some low & dark cumuli: evening in part cloudy very sultry & no wind. Very close night.	55
Sunday, Octr. 10.	·00 ·02 ·03	SE 3. SE 2. SE 2.	53	58	60	A little rain early, close & sultry morning; very warm all day, but cloudy and gentle rain at times; rather clearer at sun-set with a red sky: very close evens, but fine. Very close night, but fine & in part clear.	57
Monday, Octr. 11.	·03 ·02 ·04	SE 2. SE 2. SE 2.	54	58	65	Chiefly clear & very warm, beautiful summer-like day, many very bright knotty, electric clouds all the afternoon and some dark ones letting fall large drops at 4 pm: – Sultry evens and curdled sky. ——	58
Tuesday, Octr. 12.	·01 ·00 ·02	SE 2. SE 1. SE 0.	53	59	72	Exceedingly close & warm, yet bright with a few silvery dappled clouds; continued bright and very hot for the season, very little wind and few clouds of a small silvery electric kind: evens nearly clear, but very warm. – fog after 10 pm. –	57
Wednesday Octr. 13. □ ☉ ♃	·04 ·07 ·09	NE 1. NE 2. NE 3.	52	57	65	Fog till 7 am, very fine, bright and warm day, with a fresh breeze. Flying clouds in the evening, rather more wind, and much cooler than yesterday. –	52
Thursday Octr. 14.	·05 29·99 ·95	NE 3. ENE 3 E 2.	49	51	57	Cloudy more or less, with some sun, and very fine, but more wind and less warm than of late: cloudy evening, rather less wind, but more wind during night.	49
Friday, Octr. 15.	·88 ·95 30·01	E 4. E 2. E 0.	49	53	55	Cloudy more or less, but very fine, pleasant and sunny in the afternoon, and some white dappled clouds above; calm evening and chiefly clear. ——	49
Saturday, Octr. 16.	·12 ·11 ·13	E 1. E 1. E 0.	43	53	64	Exceedingly fine, clear & summerlike, very hot sun, gentle breeze, & light cirri; and much gossamer upon the lands: – evening hazy & streaky clouds upward.	50
Sunday, Octr. 17.	·12 ·09 ·05	NW 0. SW ½ SW 0.	48	51	58	Thick fog all the morning, and foggy more or less till noon, - clearer after 2, and bright from 3 till sun-set, afterwards again foggy: & so all night.	50
Monday, Octr. 18.	29·85 ·78 ·77	SSE 1. S 1. SW 1. 2 & 3.	49	56	63½	Little rain from 6 till 8 a.m, fine, and sun at times till 1 pm, & very warm, then dark clouds & rain about 3 pm, afterwards again fair & sunny: Mild & hazy night, with a fresh breeze of wind. —— ☞ Blue March Violets in flower in the Garden owing to the warmth of the weather! –	56
Tuesday, Octr. 19.	29·64 ·53 ·53	S 2. S 3. S 1.	52	58	66	Chiefly clear & mild morng, the day quite clear after 10, and exceedingly warm & pleasant, with a fresh breeze. Less wind in the evens, and a dappled sky. – Heavy shower at midnight. –	57
Wednesday, Octr. 20.	·77 ·88 ·96	W 2. W 3. W 1.	47	50	60	Clear after sun-rise, very fine & bright with cumuli clouds, and fresh breeze. Evening quite clear, moon very bright, and very little wind, the night the same but a change towards dawn.	46½
Thursday Octr. 21.	·87 ·96 30·07	SW 2. W 3. NW 6 W 2.	45	50	58	Rainy morng, and showery day with rocky groups of cloud & sun between: Very black in NW at 2pm, followed by a gale with hail & rain, afterwards very little wind: & chiefly clear. –	46
Friday, Octr. 22.	·17 ·13 ·07	SW 2. SW 4. SW 5.	40	45	59	Chiefly clear during the forenoon, wind & small clouds, afterwards more wind, sky hazy and mottled; evening windy, warmer & very cloudy. and a mild & windy night.	53
Saturday Octr. 23. Full moon 11½ pm.	29·80 ·68 ·53	SSW 6. SSW 6. W 3. NW 1.	50	56	61	Cloudy, windy & a little rain during the morng, but very mild air: fine in the middle of the day, but cloudy, yet very warm & windy. – Rain from 3½ pm; rain increased to very heavy at 5½ to 6 pm - & continual hard rain all the evening till 10 pm: – then became finer.	50
Sunday, Octr. 24.	·80 ·80 ·80	WSW 3. SW 2. SW 1.	42½	45	53	Clear morning; but soon hazy & some clouds, but fine & sun at times; clear even, and after 9 pm, a very brilliant Aurora Borealis quite up to the zenith in moving columns, of yellow & red, & lightning in East before 8.	44
Monday, Octr. 25.	·95 30·03 ·27	NW 3. NW 3. NW 1.	41	42	54	Clear, very bright day, & cold wind with small clouds, and the evening very clear, and wind less, but cold and some appearance of Aurora again. –	44
Tuesday, Octr. 26.	·44 ·44 ·45	SSW ½ SSW ½ S 1.	34	40	54	Clear & hoar frost, very fine and pleasant day, with mottled grey cirrostrati and sun: very little wind, and none after 3pm. Cloudy and mild night. ——	47
Wednesday Octr. 27.	·44 ·44 ·44	SSE 2. S 3. S 3.	44	50	54	Grey clouds but mild and more wind – little rain 1 pm, afterwards fine, cloudy & little sun. Evening cloudy and a fresh breeze. – Close night. –	50
Thursday Octr. 28.	·42 ·40 ·38	SSW 1. SW ½. S 0.	49	51.	56	Overcast, close & drizzly morng; but finer after 10, foggy dark & close, but mild; evening and night the same, and towards the morning very foggy. —	52
Friday, Octr. 29.	·31 ·27 ·31	SW 2. SW 2. SW 0.	51	54	61	Foggy till near 9 a.m, afterwards fine and very pleasant, with sun, & cirrostrati clouds. very warm & bright afternoon; close and clouded evening. —	55

October 1847.

1847.	Barometer	Wind.	Thermometer out of doors. lowest	8 am	highest	The Weather & Clouds.	Thermom.r 8 pm.
Saturday Oct.r 30.	30·38 ·35 ·25	SW 0 SW 2. SW 3.	44	47	56	Hazy but fair. slightly cloudy & thick, but soon clearer & some sun, pleasant & mild day. — Evening hazy - and more wind, but very mild. and stars in part visible. —	51
Sunday, Oct.r 31.	·13 ·22 ·31	SW 3. W 3. SW 0	50	55	62	Very mild morn.g, drying wind, light cirrostrati, and sun: more hazy & less wind after 12 - very warm and pleasant; little wetting at 4 pm - and during evening with a partial fog. —	56

Results for October 1847.

Barom.r	Highest on 26th	30·44	
	Lowest on 19th & 23rd	29·53	
	range	·91	
	Mean of Month	30·044	
Thermom.r	Highest on 12th	72°!	
	Lowest on 26th	34	
	Range	38	
	Mean of Month	53·838!	

Rain 2·40, Evaporation 1·68, fine days 24, Prevailing winds SW, & Easterly.

This month was unusually warm, with summer skies, and a remarkably growing state of atmosphere - altogether much more pleasant and summer like than the preceding month. A fine seed-time & the showers aided the plough on the surface, but springs, ponds, and subsoil were still uncommonly dry, and great want of water generally for household purposes.

November 1847.

1847.	Barometer	Wind.	Thermometer out of doors. lowest	8 am	highest	The Weather & Clouds.	Thermom.r 8 pm.
Monday, Nov.r 1st.	30·40 ·40 ·41	SW 2. SW 2. SSE 3	53	55	63	Close morn.g, some fog, but became clear, exceedingly fine, bright, and hot for the season. Evening also clear rather more wind, and still warm - Aurora bright at 10 pm. —	54
Tuesday, Nov.r 2.	·42 ·43 ·48	SW 1. SW 1. SW 0.	50	52	61½	Foggy morn.g, cleared at 11 - very bright, warm & lovely day, with but little wind, sun set clear, but the evening foggy. and so continued all night. —	48
Wednesday, Nov.r 3rd.	·45 ·41 ·38 ·40	SE 1. SE 2. E 1. NE 1	44	50	53	Overcast, but not so foggy: continued overcast, & rather foggy: not so mild as of late. Evening close and more mild, and the night the same, and rather foggy at times.	50

November 1847.

1847.	Barometer	Wind.	Thermometer out of doors lowest	8 am	highest	The Weather and Clouds.	Thermometer 8 pm.
Thursday Nov.r 4.	30·33 ·31 ·28	S 1. S 0. S 1.	49	50	52	Continual cloudiness, and slightly foggy, very little wind, & sometimes none; became very foggy & some drizzle after 4 pm.	47
Friday, Nov.r 5.	·18 ·10 ·09	SE 3. SE 5. SE 4.	47	49	52	Cloudy and windy but fine, more wind and clouded continually, yet thinner than in the morn.g; evening close, with distant lightning, therm.r highest 8 pm. — Clearer after 9, stars shining.	52
Saturday, Nov.r 6.	·17 ·11 ·07	S 1. S 1. S 1.	47	52	60	Hazy & red morn.g, foggy forenoon, warm & sunny noon, but after 3 - became hazy and electric with a trifling rain at times. — Gentle shower 8 pm. & close evening. — Mild and rainy night. —	53
Sunday, Nov.r 7.	·02 29·97 ·95	SW 2. SW 3. S 5.	51	53	61	Cloudy and foggy morning; became very fine sunny and warm with flying clouds; Evening more windy, cloudy and very warm The night the same.	55
Monday, Nov.r 8.	·80 ·68 ·68	S 5. S 5. S 3.	53	56	62	Windy, sunny and very warm, with flying clouds; remarkable mild and fine for the season. — Rather less wind after 4 pm, but, fine and a very warm evening. — New moon at 3. a m. —	57
Tuesday, Nov.r 9.	·90 30·05 ·24	SW 2. W 2. W 1.	46	48	56	Clear, very fine and drying but cooler; continued bright all day, some small cirri only seen; very fine - clear - starlight evening. Clear night and a gentle white frost. — chiefly calm & haze below.	47
Wednesday, Nov.r 10.	·38 ·35 ·36	SW 1. SW 1. SW 1.	38	40	57	Clear very white frost, exceedingly fine, and bright all day, very little wind. — Evening very fine, and chiefly clear, some appearance of Aurora Borealis. —	46
Thursday Nov.r 11.	·32 ·30 ·24	SSW 2 S 3. S 2.	41	45	55	Hazy & much red streaky cloud, very fine and pleasant, but continued hazy: and a very warm cloudy and close night, gentle wind, & somewhat foggy. —	52
Friday, Nov.r 12.	·10 ·13 ·13	SSW 2. W 2. W 2.	50	56	56	Close & rainy till after 11 a m, afterwards fair, some sun, and flying clouds with a change of wind & colder after 12 than before. Even.g cloudy.	46
Saturday Nov.r 13.	·30 ·30 ·31	WNW 2. W 2. W 1.	40	41	52	Chiefly clear, very fine bright & cool day, more hazy & ribbed sky after 3 pm, and a dark drizzly evening, milder again, and less wind.	49
Sunday, Nov.r 14.	·35 ·37 ·34	SW 0. SW 1. S 1.	44	45	56	Hazy but soon clear, very fine & calm; bright forenoon and very fine warm day, but more hazy in the afternoon: evening clearer, and stars seen partially. —	50
Monday, Nov.r 15.	·27 ·28 ·27	SW 1. WSW 3. W 3	49	55	62	Close and cloudy morn.g, and very mild, became bright & exceedingly warm from 11 till 3, afterwards rather cloudy & very red sun-set. — Clear moon-light even.g & fresh breeze. —	52

November 1847.

1847	Barometer	Wind	Thermometer out of doors: lowest	8 am	highest	The Weather & Clouds.	Thermom. clear 8 pm
Tuesday, Novr. 16.	30·24 ·24 ·24	W$_3$ WNW$_4$ NW$_2$	50	53	53	Red East & rich banded sky, became overcast & rainy from 8 till 10, afterwards fair, and the afternoon sunny at times yet with many clouds & brisk wind: clear & cold eveng. —	42
Wednesday, Novr. 17.	·10 ·13 ·22	NW$_3$ N$_3$ N$_4$	35	35	40	Stormy - very cold with frequent heavy snow in showers from 8½ am: at times very dark and at 1 pm snow exceedingly heavy & so continued ½ an hour: several storms & hail followed in the afternoon. Cold & stormy eveng.	37
Thursday, Novr. 18.	·38 ·40 ·43	NW$_2$ NW$_2$ NW$_1$	35	38	46	Chiefly clear, bright day & cold breeze, with cumuli and scuds; a little wet 4 pm, but a clear evening except thin scuds at times. Clear frosty night.	37
Friday, Novr. 19.	·42 ·39 ·38	NW$_0$ NW$_1$ NW$_0$	30	32	47	Very white frost, clear upward, hazy below, very fine bright & calm day, a few cirri, & haze below: clear & frosty eveng, moon bright, & no wind.	33
Saturday, Novr. 20.	·22 ·18 ·13	NW$_0$ NW$_1$ NW$_0$	29	33	44	Sharp frost early but became foggy, and milder, continual fog & dark day, and the evening the same. Cloudy and foggy night & no wind.	40
Sunday, Novr. 21.	29·93 ·80 ·71	NW$_0$ S$_2$ S$_2$	39	40	44	Overcast, very dark and foggy with some rain at times; very foggy most of the day and more wind. Evening clear after 8 and less wind: but the night cloudy.	38
Monday, Novr. 22.	·64 ·72 ·81	SSE$_2$ SW$_3$ WSW$_3$	38	42	46	Overcast, very foggy & drizzly till 11 am, fair at noon, but again cloudy and some rain at times. Evening squally and lowering. Full moon 10 am; warmer after midnight and much rain and wind.	40
Tuesday, Novr. 23.	·65 ·72 ·93	SW$_5$ W$_2$ NW$_2$	40	56 to 51	56 to 47	Very warm morng, windy & wet, thermom highest before sun-rise being 56° but at 8 am 51° and during the day 47° only. Much rain till after 1 pm, afterwards fair and became sunny towards eveng. — The eveng chiefly clear. —	41
Wednesday, Novr. 24.	30·13 ·11 ·20	SSW$_0$ S$_1$ S$_{2,3}$	36	39	52	Very fine, little frost, clear all day, very pleasant and mild. Eveng clear, golden sun-set, more wind but fine, and the Aurora bright in NW &c.	44
Thursday, Novr. 25.	·19 ·10 ·08	SSE$_3$ S$_5$ S$_4$	43	46	51	Hazy red morng, stormy looking, much scud and wind, but fine and some sun and mild air; dark and cloudy eveng, & wind squally. Some rain during night.	47
Friday, Novr. 26.	29·94 ·95 ·80	SW$_1$ S$_1$ S$_1$	43	44	47	Cloudy and a little rain at times during the morng, fine in the day but hazy, more cloudy & rain in the evening. — Hard rain all night.	42
Saturday, Novr. 27.	·45 ·35 ·34	E$_1$ E$_2$ E$_1$	40	43	50	Overcast & foggy, and rain at times; rain increased in the evening, but not heavy. Night finer. —	49

November 1847.

1847	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	The Weather & Clouds.	Thermom. 8 pm
Sunday, Novr. 28.	29·22 ·11 ·15	S$_2$ SSE$_3$ SSE$_3$	46	46	50	Clear at 6 am, but cloudy afterwards; and became stormy, with squalls of wind; and rain till noon, afterwards finer, and some sun at times. Evening in part clear. —	46
Monday, Novr. 29.	·40 ·52 ·75	SW$_2$ W$_2$ W$_1$	40	41	47	Clear, very fine and a cold breeze, and drying air; a few small clouds, chiefly cirri. — Distant rocky ones about the horizon. — Eveng in part clear. —	39
Tuesday, Novr. 30.	·79 ·80 ·83	SW$_3$ SW$_4$ SW$_5$	37	48	57	A change to mildness early in the morning; stormy, dark, and at times rainy, but a very warm air and more sun in the afternoon. — Dark and windy evening, but exceedingly warm. —	55

Results for November 1847.

Baromr.		Thermomr.	
Highest on 2nd	30·48	Highest on 1st	63°
Lowest 28th	29·11	Lowest on 20th	29
Range	1·37	Range	34
Mean of month	30·07	Mean of month	47°·858

Rain 1·86, Evaporation ·86; Fine days 20; and the prevailing winds SW and South. —

This was a very remarkable month for mildness beyond what is usual, and all the little flowers continued blooming in the Garden, even the Blue March-violets & primrose, with the Polyanthus, Aster, Marygold, Pheasant eye, Virginia & other Stocks, Auricula &c &c; and the buds of the Lilac partially opened the leaf as in warm Spring weather!

December 1847.

1847.	Barometer	Wind	Thermometer out of doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm.
Wednesday, Decr. 1.	30·21 ·32 ·42	W 2. W 2. W 1.	41	43	50	Clear, very fine all day, bright sun and small cirri clouds, red sunset: and a clear evening and night, little hoar frost. — a shower early a m.	41
Thursday, Decr. 2.	·33 ·28 ·26	SW 1. SW 2. SW 1.	37	40	53	Clear morn^g till 10, afterwards curdled and hazy, but sun at times, mild and pleasant. More cloudy after 2 pm, and a very close even^g. The therm^r fell at sunset to 47° then rose fast to 52° by 8 pm —	52
Friday, Decr. 3.	·21 ·15 ·12	SW 2. SW 2. SW 1.	50	55	57	Cloudy more or less all day, and a very warm air; a very little rain at times in the afternoon; hasty shower 5 pm, and a close drizzly evening. —	47
Saturday, Decr. 4.	·03 29·92 ·71	W 2. SW 3. S 5.	40	41	49	Clear morning and cold, chiefly clear till noon, afterwards a strong blue haze below, & thick upward. Windy evening lowering for storm. — Squally night.	47
Sunday, Decr. 5.	·30 ·40 ·52	SW 3. WSW 4. WSW 4.	41	42	46	Heavy rain at 4 & 5 a m, in sudden storms, afterwards fine & windy, sun bright in the day, & clouds flying: — some very rocky, bright headed storm-clouds on the Northern horizon during afternoon; clear evening & very cold wind.	38
Monday, Decr. 6.	·03 28·82 ·78	S 5. S 6. SW 4.	36	46	52	Strong gale and heavy rain all the morning, and till near noon, afterwards more fair, but windy & stormy looking. — Even^g clearer, and wind galy. —	43
Tuesday, Decr. 7.	28·58 ·84 29·05	W 7. NW 7. NW 6.	40	42	43	Strong gale and heavy driving rain, with a little snow, exceedingly stormy, wet, and boisterous all day. Evening finer but very windy and cold. New moon at 8½ pm.	36
Wednesday, Decr. 8.	·50 ·74 ·80	NW 3. W 2. W 1.	32	34	39	Freezing, clear & keen air: very fine day, and sun bright, but wind less. — Clear and frosty evening, and night the same till after 12. then a gale & rain.	33
Thursday, Decr. 9.	·60 ·70 ·76	S 6. SW 3. W 2.	33	45	55	Mild windy & rainy morn^g, and a dark day with a little wet at times; finer evening, less wind, but cloudy & very warm, a great change in 24 hours. — very close night.	52
Friday, Decr. 10.	·88 ·90 ·92	SSW 3. SSW 3. SSW 4.	51	53	56	More or less cloudy, but chiefly fair, except a little drizzle at times, & very mild air. Dark evening, fresh breeze & still mild. — Very mild & close all night. —	51
Saturday, Decr. 11.	·87 ·88 ·95	SW 2. SW 1. SW 1.	48	50 –	53	Cloudy with a little sun at times, very pleasant, fine, and mild, with but very little wind. — Close evening and still mild. Quite clear after 10 pm & not so mild as before. —	47

December 1847.

1847.	Barometer	Wind	Thermometer out of doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm.
Sunday, Decr. 12.	30·09 ·10 ·15	SSW 1. SSW 2. SW 0.	39	43	52	Exceedingly fine sunny & pleasant, a few thin clouds flying. Evening calm, and mild, chiefly clear & moon bright. —	44
Monday, Decr. 13.	·17 ·16 ·17	S 1. S 2. SSE 2.	39	42	49	Very fine and bright, mild and pleasant day with a gentle breeze, and very few clouds. Even^g clear till 8, afterwards hazy and thick. Cloudy night. —	40
Tuesday, Decr. 14.	·20 ·19 ·20	SE 2. SE 2. SE 2.	40	45	49	Very fine and sunny, beautiful day and very mild: became cloudy after 3 & till 5, afterwards a clear moon light evening. — Fine night & in part clear.	43
Wednesday, Decr. 15.	·18 ·13 ·12	SE 3. SE 4. SE 3.	40	45	50	Fine, clear sunny & mild, most of the day, but Arcs of cirrostrati & cirri in the afternoon & a hazy even^g; wind very brisk all day. Wind & some rain dur^g night.	46
Thursday, Decr. 16.	·05 ·01 29·99	SE 4. SE 4. SE 4.	45	46	50	Some rain early: red sun-rise: mixture of clouds, but fine sunny & mild in the day. Hazy evening. — A few drops of rain from thin cirrostrati in the afternoon. —	45
Friday, Decr. 17.	·92 ·85 ·84	SSE 5. SSE 5. SSE 6.	44	48	53	Stormy atmosphere, flying clouds, dark sky, and squally wind, and wind increased much all the evening: a little rain after 8 pm. Stormy night, but fine. —	50
Saturday, Decr. 18.	·70 ·58 ·50	SE 6. SE 6. SSE 6.	46	48	49	Very windy & drying all day, but a dark thick & hazy sky with lowering clouds. — The morn^g very red streaked, and the even^g squally, & some rain. — Very windy & rainy night.	46
Sunday, Decr. 19.	·58 ·60 ·62	SE 1. SE 3. SE 2.	36	38	47	Clear morn^g; & wind ceased, bright till noon, afterwards lowering, dark & windy but chiefly fair, except a small flying shower during sunshine at 10 a m. — Evening cloudy.	41
Monday, Decr. 20.	·80 ·80 ·80	E 2. NE 2. NE 1.	36	36	39	Cloudy more or less all day, and much colder, with a keen frosty air and signs of snow. — Cloudy night and just freezing, but fine. —	34
Tuesday, Decr. 21.	·70 ·68 ·70	NE 1. NE 1. NE 2.	32	33	34	Cloudy & still; freezing air all day, but very fine — except now & then a flake of snow was seen: rather more wind in the evening & still cloudy. — Full moon 10 pm. —	32
Wednesday, Decr. 22.	·84 ·89 ·98	NE 1. NE 1. NE 1.	32	33	34	Continually cloudy and dark, very gentle frost, and a few sleety flakes at times: very little or no wind, but a drying air, and the roads clean.	33
Thursday, Decr. 23.	·99 ·90 ·88	E 0. E 0. E 1.	33	34	37	Cloudy, dark, and calm, nearly the same all day, but fine. Cloudy even^g, and a little wet after 8 pm. —	37

December 1847.

1847.	Barometer	Wind.	Thermometer out of doors: lowest	8 am	highest	The Weather & Clouds.	Thermom 8 pm.
Friday. Decr. 24	29·94 30·00 ·02 ·12	E 0. E 0. E 2.	34	37	40	Very cloudy & close with a very little wetting at times; cloudy night, but fine, and milder. —	37
Saturday, Decr. 25.	·27 ·28 ·29	N E 4. N E 4. N E 5.	37	40	42	Cloudy with a dry wind, and very fine; more wind as the day advanced; and the evening cloudy & windy. — Night the same. —	38
Sunday, Decr. 26.	·27 ·27 ·27	N E 4. N E 4. N E 4.	34	36	37	Cloudy, colder wind, continual cloudiness and brisk wind, a very little sleety wet at times, but chiefly fine. —	32
Monday, Decr. 27.	·29 ·27 ·25	NW 1. NW 1. NW 2.	32	35	39	Cloudy and very fine, less wind, and a very little snow in the morng: clearer in the day. lofty grey clouds & very fine. — Cloudy eveng. —	35
Tuesday, Decr. 28.	·23 ·28 ·31	N E 1. N E 2. N E 1.	34	35	37	Cloudy with snow at times early in the morng; finer in the day, but raw cloudy & cold. Cloudy night and rather frosty. —	33
Wednesday, Decr. 29.	·14 ·02 29·97	S E 2. S 3. S 4.	33	34	38	Cloudy more or less, but fair, and about noon some sun at times, more wind and colder during the eveng. Overcast night & some snow.	34
Thursday, Decr. 30.	·84 ·91 ·95	S E 3. S E 3. S E 1.	34	35	37	Overcast & almost continual snow and rain, but not heavy. The evening and night nearly the same as the day. —	34
Friday, Decr. 31.	·94 ·92 ·93	S E 1. E 1. E 1.	34	35	38	Overcast, very dark, and rainy more or less till after 3 pm, then clearer and the evening frosty & nearly clear. Thus expires the year 1847, — in a uniform dampness and gloom, which for many days past has prevailed. —	32

Highest Baromr in December 1847 — on the 1st. 30·42, Lowest on 7th. 28·58, which was also that of the Year, Mean for this month 29·90, range 1·84. — Highest Thermomr 57° on the 3d, Lowest 32° on 8th. 21st. 22d. & 27th. Range 25° and Mean as high as 41°·72! This is a very high mean, and the month has been unseasonably mild and unhealthy.

Summary Results, for the year of our Lord 1847.

Table of Monthly winds.										General monthly results.				
1847.	E	W	N	S	NE	SE	NW	SW	Prevailing winds	fine days	rain	Evaporation	mean Pressure	mean Temperature
Jany.	9	0	1	2	1	9	4	5	E & SE.	26	·52	·69	29·963	35·820
Feby.	6	6	0	0	3	0	5	8	SW-W-E-NW.	21	·47	1·22	29·959	36·990
March	2	2	5	3	6½	6½	3	3	NE. SE & N.	20	1·13	2·41	30·068	42·630
April	2½	6½	0	½	5	3	6½	6	Westerly & NE	16	1·39	3·17	29·840	46·116.
May,	3	2	0	4	1	5½	2	13½	SW-S to E.	25	1·75	5·21	30·017	58·790.
June	0	2	4	4	4	1	9	6	NW & SW.	16	2·34	4·18	30·059	59·470.
July	4½	4½	4	1	4	3	1½	8½	SW & divided.	28	·99	5·54	30·193	66·660.
Augt.	1	3	2	3	9	0	5½	7½	NE & SW.	25	1·66	5·21	30·120	64·596.
Sept.	1	11	½	0	2	0	7½	8	Westerly.	21	1·77	2·89	30·030	55·670.
Octr.	5	2	0	2	4	4	2½	11½	SW & Easterly	24	2·40	1·68	30·044	53·838.
Novr.	1	4	1	8	0	3	4	9	SW & S.	20	1·86	·86	30·070	47·858.
Decr.	3	2	0	3	6	7	2	8	SW. SE & NE.	21	2·42	·93	29·900	41·720
1847.	38	45	17½	30½	45½	42	52½	94	SW & NW	263	18·70	33·99	30·021	50·8465

The highest State of Baromr in 1847 was on May 31st, and June 1st, when it was 30·61, and the lowest was on the 7th of December when it fell to 28·58!
The Coldest days in the whole year were Jany 1st and 16th, Feby 10th & 12th & March 11th, but the greatest cold here was on March 11th Thermr 19°, and the greatest heat on May 28th, July 13th & 14th, and August 1st & 2nd, The 13th of July, and 2nd of August above all, and the Thermomr 89°! This was drawing near to the heat of the notable previous summer.

General observations on the Year 1847.

The main peculiarity of the Year 1847 was its dryness, at least in these parts, especially during the winter months of January and February, and again in July and August, whereby all rivulets, ponds, & springs became so dry, that many people were quite without water, except by procuring it from some distance. A finer time for the harvest however was never known and the land was blessed by an abundance.

The great heat at the close of May, and in July and part of August proved another memorable feature of 1847, and lastly the extreme mildness of October, November, and December was so continued that all our little Spring flowers were in flower to the Year's end! From carefully revising our daily remarks it appears that for six or eight years past the Climate has been very remarkable with greater heat during the Summers than heretofore, and with some excessive cases of winter cold!

Orlando Whistlecraft.

January 1848.

1848.	Barometer	Wind	Thermometer out of door: lowest	8 a.m.	highest	The Weather & Clouds.	Thermometer 8 pm
Saturday Jany. 1st	29·97 ·93 ·95	E 1. E 0. E 1.	31	33	36	Overcast and thick air, dark cold, and raw, very little wind. Evening and night nearly the same. Cloudy more or less all night.	33
Sunday, Jany. 2.	·92 ·90 ·94	SE 3. SE 3. SE 4.	33	36	43	Overcast and a little wetting at times; rather clearer after 3 pm, but soon again overcast, milder & windy evening.	43
Monday, Jany. 3.	30·00 ·03 ·05	SE 2. SE 3. SE 3.	40	45	48	Foggy more or less, with brisk wind all day, clearer about noon, but foggy and dark afterwards, yet mild. Fine night and clearer.	45
Tuesday, Jany. 4.	·12 ·11 ·04	SE 1. SE 1. SE ½.	41	43	46	Very fine, with light grey clouds, became quite clear, very bright, and mild day. Clear evening, and much colder. Night chiefly clear till past 12.	37
Wednesday, Jany. 5.	29·80 ·62 ·70	SSE 3. S 3. S 1.	34	39	44	Cloudy and windy all the forenoon and till near sun-set, afterwards rather clearer, and less wind. Fine, mild and calm eveng, but dull.	41
Thursday Jany. 6.	·80 ·82 ·88	NW 1. NW 1. NW ½.	31	33	41½	Gentle white frost, & clear at first, afterwards foggy at times during the morning, fair afternoon sun & grey clouds; but a few drops towards eveng. New moon at noon.	36
Friday, Jany. 7.	·72 ·60 ·62	SSE 3. SSE 3. S 1.	35	37	41	Very cloudy, and damp, some rain at times, but increased to hard rain at 3½ pm, & till 5; afterwards snow & rain together. Much snow all the eveng.	35
Saturday, Jany. 8.	·70 ·70 ·87	NE 1. NE 2. NE 2.	33	35	37	Overcast, raw, and damp, exceedingly unpleasant, with a little snow at times: became fine with sharp wind frost during night.	35
Sunday, Jany. 9.	30·12 ·19 ·26	NE 5. NE 4. NE 2.	28	31	34	Wind frost, & nearly clear, with flying clouds, & sharp wind: Evening partly cloudy, but stars visible, and continued hard frost with less wind.	29
Monday, Jany. 10.	·33 ·34 ·36	NE 2. NE 2. NE 1.	29	33	34	Cloudy more or less all day, very little sun, but a frosty and dry air. Evening cloudy, and frost but gentle.	31
Tuesday Jany. 11.	·42 ·45 ·51	NE 1. N 1. NW ½.	29	30	35	Cloudy with continued hard frost, but not sharp: fine day, cloudy & nearly calm; eveng the same, but less cold than the preceding.	32
Wednesday Jany. 12.	·40 ·32 ·38	SW ½. W 1. W 1.	30	32	41	Cloudy, and very gay, curdled, & ribbed about the South, continued hazy, with some sun, and frost gone after ☉ rise	38
Thursday Jany. 13.	·32 ·32 ·38.	NNW 4. NNW 3. NNW 1.	38	45	47	Cloudy windy & mild morng, with a little light wet: the day fair with sun and flying clouds, some large & black. Eveng clearer, and coloured haloes about the moon.	40

January 1848.

1848.	Barometer	Wind.	Thermom. out doors lowest	8 am	highest	The Weather & Clouds.	Thermom. 8 pm
Friday. Jan.y 14.	30·29 ·20 ·13	S ½. S ½. Var. 0.	35	37	43	Very dark and damp, little mizzling at times, but very mild: very cloudy & mizzling evening, with a little more wind; — chiefly from W. —	37
Saturday Jan.y 15.	29·93 30·00 ·04	NW, 1. NW, 1. NW, 1.	35	39	42	Cloudy morng, and very damp, became clear soon after 10, very fine & bright, with light clouds, and a clear and frosty eveng.	32
Sunday, Jan.y 16.	·03 ·00 29·98	NW ½. NW ½. Var 0.	27	27	37	Very white & hard frost, at first clear but became very foggy at 8, cleared off at noon, very bright afternoon and clear eveng. with very hard frost.	29
Monday, Jan.y 17.	·72 ·57 ·47	SSE 4 SSE 5. SSE 6.	28	35	41	Hoar frost but less since 1 am, and very hazy morning, became overcast. windy, & light rain. Evening more so. very windy & some flying rain. —	41
Tuesday, Jan.y 18.	·50 ·52 ·49	W 1. W 0. S E 1.	33	33	36	Cloudy and snow early, but a fine day, became clear, and a very bright afternoon, and clear eveng with hard frost after ☉ set. — Night more hazy. —	29
Wednesday, Jan.y 19.	·52 ·64 ·74	S E 2. S E 1. E 1.	29	31	35	Hazy & cloudy with hard frost, continued cloudy, and a very little sleet at times during the afternoon. Evening rather clearer.	32
Thursday Jan.y 20.	·90 ·97 30·02	N E 3. N E 2. N E 2.	28	30	33	Cloudy more or less, hard frost, and continual gentle sleet & snow; rather increasing in the Evening. Full moon at noon.	30
Friday, Jan.y 21.	·17 ·18 ·19	N E 2. N E 2. N E 3.	29	31	33	Very cloudy and frequent sleet falling continued gentle frost, and rather more wind in the eveng. but gloomy. — Cloudy night, sleet at times.	30
Saturday Jan.y 22.	·10 ·08 ·07	N E 1. N E ½. N E 1.	30	31	33	Very cloudy all day, and a little fall of sleet at times, very little wind and gentle frost: rather sharper in the evening, but still cloudy. —	29
Sunday, Jan.y 23.	·17 ·22 ·33	N 0. N ½. N 0.	27	28	32	Overcast, sharper frost, and continual snow, more or less, very little or no wind. Eveng fine, but overcast, and scarcely any wind. —	30
Monday, Jan.y 24.	·42 ·43 ·43	N E 3. N E 3. N E 3.	29	30	33	Chiefly cloudy and very frequent falls of snow, more wind, and still increasing in the evening, but no snow after 7 pm. —	30
Tuesday, Jan.y 25.	·49 ·41 ·40	N E 4 ENE 5 ENE 5.	27	28	31	Frost sharper and continued all day with more wind, and very cold, but fine yet quite cloudy.	28

January 1848.

1848	Barometer	Wind	Thermom. out doors lowest	8 am	highest	The Weather &c.	Thermom. 8 pm
Wednesday Jan.y 26.	30·22 ·20 ·19	E 4. ESE 4 ESE 3	25	25	29	Severe wind frost, sharp cutting gale but fair, and some sun at times, grey clouds flying: somewhat clearer in the evening & night, and less wind. —	28
Thursday Jan.y 27.	·17 ·14 ·12	E 2. E 4. E 4.	23½	24	29	Much sharper frost, and chiefly clear, bright day, but extremely cold, and more wind again after 12; at 5 pm Thermr down to 24° again: severe night. —	23
Friday. Jan.y 28.	29·93 ·95 ·98	E 1. E 1. E SE, 1. S E 3.	15	16	22	Extremely sharp frost, and frequent snow but mostly bright with some scuds, and distant snow-clouds; at 5 pm Thermr down again to 20°. Fine filaments of icy vapour falling in the sun-shine between the showers of snow to day. — During eveng Thermometer 19° but rising after 7 pm, cloudy & more wind. Frost abating all night.	24
Saturday Jan.y 29.	30·02 ·00 29·95	S E 0. S E 2. SSE 3.	31	32	36	Hazy & much milder, fine day, chiefly sunny, but hazy, and somewhat curdled, at times. Eveng more wind & very thick sky. no frost. —	35
Sunday, Jan.y 30.	·78 ·62 ·51 ·41	SSE 3. SSE 5. SSE 5.	34	37	44	Hazy, cloudy, and much milder, continual thaw, and snow gone, wind increasing and rain after 3 pm; windy evening and much milder still, warmest at 10 pm: afterwards less wind. —	41
Monday Jan.y 31.	·35 ·31 ·37	NW, 1. NW, 1. N, 1.	35	35	38	Very hazy and thick, but fine, and very little wind; colder after day opened than in the past night. Cloudy eveng. and night. —	34

Results for January 1848.

Barom.r { Highest on 11th 30·51
— 25th 30·49
Lowest on 31st — 29·31
range — 1·20
Mean of month 30·005 }

Thermom.r { Highest on 3d 48°
Lowest — 28th 15
range — 33
Mean of month 33·98 }
Mean daily variation — 6·51

Rain only ·47 of an Inch, Evaporation ·88. — Wind NE to SE. — Fine days 19 in number, but the rest were chiefly snowy, and 5 only rainy. —

This was on the whole a cold month, as the days were seldom much milder than the nights, but the frost was severe only on 3 nights as shewn in the columns above. —

Much sickness from an Epidemic cold & fever.

February 1848.

1848.	Barometer	Wind	Thermometer out of doors: lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm.
Tuesday, Feb.y 1st	29·74 ·93 30·02	NW 1 NW 2 WNW 2	30	31	37	Hazy but chiefly bright and frosty, gentle wind, and a few light clouds; Fine clear eveng, after a deep orange sun-set. —	32½
Wednesday. Feb.y 2nd	·17 ·27 ·35	W 2. W 1. W 0.	32	34	46	Very fine with grey clouds, and sun, warm & pleasant in the middle of the day, and the evening rather cloudy, and calm. —	38
Thursday. Feb.y 3.	·40 ·37 ·34	SW 2. SW 4. SW 3.	34	36	43	Cloudy more or less, but mild and chiefly fine, with sun at times, and very brisk wind. — Night fine, and in part clear. —	38
Friday, Feb.y 4.	·22 ·17 ·15 ·18	S 4. S 5. SW 4.	35	38	46	Hazy with low clouds, and a little rain at times, windy and cloudy all day but milder & still more so in the eveng: warmer by night than in the day.	44
Saturday. Feb.y 5.	·13 ·12 ·11	SW 3. SW 3. SW 2.	46	51	53	New moon 2 a.m; — very close and mild, with a little rain at times, continued cloudy with occasional rain and very mild air. Eveng the same. Hard rain during night.	50
Sunday, Feb.y 6.	·08 ·17 ·11	W 1. W ½. NE 1.	49	51	53	Overcast, rather foggy, and little drizzle at times, very mild till wind veered at 4 pm. Cloudy eveng, and the night warmer again after 11 pm. —	40
Monday. Feb.y 7.	·07 29·97 ·89	SW 1. WSW 2 SW 3.	40	46	53	Close and watery sky, more or less cloudy in the day, very mild and a little sun, but the evening rainy, and more wind. — Night chiefly fine. —	49
Tuesday, Feb.y 8.	·92 ·89 ·79	W 1. W 1. W 1.	40	43	51	Very fine but hazy with watery sky, but in the middle of the day bright and pleasant with small clouds. — Eveng cloudy and mild. — wet night.	46
Wednesday Feb.y 9.	·14 ·00 ·05	SW 5. SW 6. SW 6.	43	46	51	Much rain early, and squalls of wind: exceedingly stormy all day, and more rain & wind after 1 pm, some sun at noon, but a very coarse & dark afternoon	45
Thursday, Feb.y 10.	·03 28·97 28·92	SW 3. SW 3. S 1. 2. 4.	38	40	47	Clear morng except distant sheets of cirrus, fine sunny day, brisk wind and raggy cumuli & cirri. Sun set in thick sheets of dusky haze, very watery sky, & thick eveng. — Hard rain from 10 to 12 pm. —	41
Friday. Feb.y 11.	29·02 ·27 ·51	N 1. N 1. Var. 0.	39	40	48	Fine and chiefly sun with large cumuli clouds, but pleasant, and the birds tuneful. Eveng chiefly clear, and moon bright. —	41
Saturday Feb.y 12.	·90 ·95 ·98	W 1. SW 2. SW 3.	34	36	46	Very fine and sunny with small cumuli & fresh breeze of wind. — Eveng more hazy, and a halo round the moon. —	42

February 1848.

1848.	Barometer	Wind.	Thermometer out of doors: lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm.
Sunday Feb.y 13.	30·10 ·03 ·00	SW 2. SW 4. SW 5.	41	45	51	Fine, with wind and flying clouds, more wind as the day advanced, light clouds & sun: very drying day. Very wind & mild eveng, with many clouds, but thin.	48
Monday, Feb.y 14.	29·92 ·90 ·86	SW 4. SW 3. SW 2.	47	52	54	Cloudy and warm morng with much wind, the same all day with light flying rain at times, but very mild air, and the evening also very close and less wind.	50
Tuesday, Feb.y 15.	·61 ·58 ·61	SSE 3. SW 2. W 1.	47	48	49	Cloudy and rainy more or less most of the day, but the evening finer, and much clearer, with curdled clouds upward at 8 pm. —	42
Wednesday, Feb.y 16.	·75 ·89 30·03	NW 1. NW 1. NW 0.	34	34	44	Very fine & bright, but hazy with cirri in bright sheets reflecting dazzling rays under the sun at 1 pm, at the same time also a broken halo — & a part of an inverted one above the sun — & still higher — another portion of a more distant halo — all very vivid in colour — red — orange, & yellow. — Hazy afternoon, & in the eveng, a lunar halo & parasalene. — A meteor 11 pm — NW.	36
Thursday, Feb.y 17.	30·28 ·37 ·46	N 1. NE 2. NE 1.	33	36	43	Very fine morng, grey clouds & sun, with but little wind: more clouds in the afternoon & eveng, and at times a very little hail, with cold wind. —	35
Friday, Feb.y 18.	·49 ·37 ·28	NW 0. NW 1. SW 0. SW 2.	30	33	41	Gentle frost, and very fine & calm with gray clouds and sun. Very clear moonlight eveng and frost, calm, and beautiful night, — till 10 pm, afterwards hazy & wind rose. —	32
Saturday Feb.y 19. Full moon 4 a.m.	29·84 ·75 ·68	SW 3. SW 2. SW 2.	30	34	42	Heavy snow early & till 8 a.m, afterwards rain & thaw: fine after 9 — foggy till noon, then clearer & continued thaw, with sun & hazy clouds. — Eveng hazy with lunar haloes. — Night cloudy.	38
Sunday Feb.y 20.	·42 ·51 ·66	S 1. Var 1. NW 2 3. 4.	37	39	44	Rainy & dark more or less, but finer & clearer after 3 pm. Stormy & windy eveng, some rain at times. Night fine & clear. —	40
Monday Feb.y 21.	·82 ·72 ·70	W 1. W 2. WSW 1	32	34	46	Little frost in the morng, fine and sunny most of the day, but after 3, it became hazy & cloudy, with a little rain at times: and a cloudy night. —	40
Tuesday Feb.y 22.	·58 ·35 ·12	SSE 2. S 3. SW 4. W 6. WNW 4.	38	39	49	Foggy morning, and rain more or less during the day, rain harder at 4 & 5 pm, and a stormy evening. — Warmest at 5½ pm, afterwards again colder, & wind veering. Clear after 10 pm. —	44

February 1848.

1848.	Barometer	Wind.	Thermometer out of doors lowest.	8 a.m	highest	The Weather & Clouds.	Thermom. 8pm
Wednesday Feb.y 23.	29·00 ·14 ·30	WSW 4 W 5. W 4.	40	42	49	Windy with many clouds, but fair and sunny, drying day, some trifling rain at times, and squally atmosphere. —	43
Thursday Feb.y 24.	·40 ·33 ·28 ·30	SW 3. SW 3. SW 2.	42	44	53	Cloudy, dark and rainy forenoon, fine & mild at noon, squally & flying showers in the afternoon, but mild & some sun. —	48
Friday, Feb.y 25.	·12 ·12 ·22	SW 3. SW 4. W 1.	45	47	53½	Very mild and chiefly fine till 2pm, with flying clouds and sun, afterwards driving storms of rain, but a fine evening. — Wind & stormy night.	45
Saturday Feb.y 26.	28·75 28·66 29·16	S E 4. SSE 3. SW 1. NW 3. SW 4.	43	44	49	Very rainy and windy till 11 a.m., warm & calm at noon but overcast, afterwards squally from the opposite point & frequent rain. — wind returned to Southward during night & very stormy. —	46
Sunday, Feb.y 27.	29·10 28·95 29·00	SSE 4. S 5. SW 4. 5. 6. 7.	42	45	54	Windy & much rain all the forenoon — fine & sunny after noon, very mild and windy. Hard gale all night but fine & mostly clear. —	45
Monday, Feb.y 28.	·30 ·35 ·45	SW 5. SW 4. W 1. WSW 2.	45	47	55	Fine, bright & windy, continued fine till near sun set, and very sunny and warm, but windy, and many distant storms rocky & black clouds. After 5pm — a hefty storm here with large hail. Even.g clear. —	43
Tuesday, Feb.y 29.	·52 ·37 ·14	SW 3. SW 5. S 4. S E 6.	37	39	48	Clear windy & cold morn.g, bright with flying clouds till 3pm, then cloudy, and after 6pm — hard gale, and heavy rain, exceedingly stormy & wet even.g but finer after 10 pm. —	39

Results for February 1848.

Barom.r	Highest on 18th — 30·49		Therm.r	Highest on 28th — 55°
	Lowest on 26th — 28·66!			Lowest on 1st. 18. 19th — 30°
	Range — 1·83			Range — 25
	Mean of Month 29·68			Mean of Month — 43°·422
				The Mean daily range — 9·5.

The Prevailing wind SW. fine days only 12. Rain 3·22, & Evaporation 1·36.

A very mild, stormy, & rainy month, and Vegetation forward. Snowdrop & Aconite had opened early in January, were checked after the 16th of that month, but blossomed fully all February, and the Crocus also with many Spring flowers are very gay in the garden. —

March 1848.

1848.	Barometer	Wind.	Thermometer out doors lowest	8 a.m	highest	The Weather & Clouds. —	Thermom. 8 pm
Wednesday, March 1.	28·77 ·81 ·90	S 1. SW 1. W 5. SW 2.	38	40	46	Very dark and rainy, and after 12 it became black in the west, followed by a squall of wind, and heavy rain with snow all the afternoon. Finer even.g but some rain at times. — Therm.r fell during the snow at 3pm to 34½°, then rose again. —	38
Thursday, March 2.	29·14 ·30 ·42	NW 3. NW 3. NW 2.	36	39	43	Cloudy more or less all day, and frequent rain, sometimes hard. with a cold and raw atmosphere. — Even.g rather finer after 7 pm. —	40
Friday, March 3.	·91 30·05 ·09	N 2. N 2. N 1.	37	39	46	Chiefly fine & bright with rocky clouds, but many distant hail showers, and a few large hail-stones fell here at 2pm. — Even.g cloudy & little shower at 8pm. — Night clear and frosty. —	40
Saturday March 4.	·19 ·16 ·12	NW 1. NW 0. Var. 0.	31	32	47	Frost early, very fine and bright day, small cumuli & very little wind. Calm evening, and more cloudy, but still very fine. —	38
Sunday, March 5.	29·92 ·85 ·85	SSE 2. SSE 2 S E 0.	36	39	42	Cloudy and gentle rain most of the day; New moon 1pm. Evening dark and drizzly, but less wind. very damp and unpleasant.	39
Monday, March 6.	·92 ·89 ·85	S E 0. S 0. W 0.	38	39	40	Exceedingly dark, foggy and rainy, nearly the same all day, raw and cold but calm. Foggy & dark night.	39
Tuesday, March 7.	·91 30·10 ·21	E 1. E 3. E 1.	36	36	39	Foggy morn.g, dark and rainy till noon, finer & clearer afternoon, but very cold. Even.g clear and frosty. — Sharp frost during night. —	33
Wednesday, March 8.	·31 ·25 ·22	S 1. SW 3. SW 2.	28	32	46	Hazy & white frost, more hazy, and milder fine day, sun at times with haze & clouds more cloudy and windy after 3pm, and a little wet in the evening. —	42
Thursday, March 9.	·00 29·92 ·82	SW 2. SW 2. SW 1.	42	45	54	A little wet in the morn.g, but soon fair, very mild and pleasant but chiefly more or less cloudy. — Even.g closer less wind & cloudy but thinly so. Rain after 8pm.	49
Friday, March 10.	·60 ·40 ·48	W 2. W 5. W 2.	38	39	46	Storms of wind & rain at times from 3 a.m, and a very squally day, with driving storms of rain sleet, & hail, and much distant Thunder. The clouds very black and extensive. Even.g finer & partly clear, lightning Eastw.d	38
Saturday, March 11.	28·97 28·87 28·84	WSW 6. W 6. W 3.	34	39	47	Exceedingly stormy, frequent driving rain, sleet and hail with distant thunder, and very black clouds. sun at times, but very boisterous & unsettled. — Even.g finer but hazy with lunar halos. — Night showery. —	37

March 1848.

1848.	Barometer	Wind.	Thermometer out of doors lowest	8 am	highest	The Weather & Clouds.	Thermom' 8 pm.
Sunday, March 12.	28·74! 28·78 28·91	W 1. W 1. W 1.	34	38	45	Very showery with hail, rain & sleet and sun between; exceedingly wet and unpleasant. — The even^g rather finer, but cloudy. —	37
Monday, March 13.	29·22 –·31 –·45	NW 3. N 3. N 1.	35	39	44½	Continually showery, and very stormy, some hail; and Thunder at a distance. Night finer, and much clearer. —	38
Tuesday, March 14.	–·76 –·88 –·94	N 0. N 1. NNE 0	36	39	49	Chiefly clear, fine & calm morning; very fine sunny day with cumuli, and very little wind. — Even^g quite clear & calm. — Frosty night.	37
Wednesday March 15.	–·82 –·71 –·69	SW 1. SW 1. NW 0.	31	37	52	Frost early but mild & hazy after ☉ rise. — Fine & pleasant till 3 pm and sun at times, afterwards cloudy and rainy. — Night the same.	43
Thursday, March 16.	–·56 –·60 –·56	NE 1. NE 2. NW 1.	39	43	45	Overcast and rain at times, finer afternoon, but still cloudy, very rainy evening, and hard rain chief of the night. —	41
Friday, March 17.	–·47 –·47 –·53	SE 0. SE 2. SE 1.	36	39	46	Dark and rainy, more or less so all day, but the evening finer, and rather clearer. — a little rain during night. —	41
Saturday, March 18.	–·52 –·47 –·42	Var. 0 E 2. Var. 0.	37	42	52	Fine morn^g, with gay electric sky, very fine sunny day, and many very beautiful clouds, knotty cumuli, and electric clouds, like those of summer. During afternoon a bank of rocky and black ones in the West opposed to the lower current. — Even^g cloudy but thin and moon shining between — calm mild and pleasant night. — Distant Thunder westward in the afternoon.	42
Sunday, March 19. Full moon & total eclipse 9 pm. —	–·27 –·22 –·15	SE 1. SW 2. SSW 4	37	40	49	Rather foggy & cloudy till after 10, clearer at noon, & bright afternoon with cumuli clouds: at sun-set many raggy clouds coloured yellow and red, and dappled arcs during even^g, with more wind. Very favorable for seeing the total Lunar Eclipse, till 10, afterwards hazy & some rain.	42
Monday. March 20.	–·09 –·04 –·08	SSE 2. S 3. SW 2.	36	41	49	Hazy, and cloudy, showery about noon but soon bright with distant rocky clouds. Showers passing round, but the even^g calm and clear. — wind & rain after midnight. —	40
Tuesday, March 21st.	28·89 29·10 –·32	SE 3. S 1. W 5. W 3.	37	43	50	Cloudy & rain at times, but finer and sunny near noon, afterwards a gale with rain & sleet at 2 & 3 pm. — Finer Evening. — Therm^r 50° at noon, but at 2 pm under 40°. — Clear night after 9 pm.	39

March 1848.

1848.	Barometer	Wind.	Thermometer out of doors lowest	8 am	highest	The Weather & Clouds.	Thermom' 8 pm.
Wednesday, March 22.	29·62 –·75 –·73	W 0. SW 1. SSE 3.	33	37	53	Clear morn^g, and very fine sunny day till near 4 pm — afterwards cloudy even^g and a little light rain at 8 pm: and a windy and warm night with little wet at times	45
Thursday March 23.	–·67 –·75 –·84	SW 5. SW 5. WSW 4.	44	52	57	Very mild and windy morning. — Fine and warm day, but windy, and much cloud. — Cloudy even^g and very warm with less wind. —	50
Friday, March 24.	30·02 –·09 –·14	NW 2. NW 1. NW 2.	45	48	51	Much cloud, and chiefly cirrostrati but not thick: fine till noon, afterwards more cloudy with light rain at times. Even^g fine, close and cloudy, and the night somewhat foggy. —	45
Saturday March 25.	–·18 –·16 –·14	NW 1. NW 1. NW 0	42	46	52	Foggy morn^g, and the whole day cloudy more or less, but finer, and but little wind. Some sun after 4 pm, and a close & calm even^g.	45
Sunday, March 26.	29·98 –·90 –·88	SE 1. SE 3. SE 2.	42	46	51	Hazy & dappled, fine and pleasant morning with some sun till 10, afterwards cloudy, more wind, & not so pleasant: Dark clouds at 2 pm & some rain a little while, afterwards fair but cloudy more or less. —	44
Monday, March 27.	–·82 –·82 –·83	SE 2. SE 3. SE 2.	43	47	58	Some rain early, but a fine & warm morn^g with much cloud, fine sunny day, warm & drying, brisk wind, and mixed electric clouds. Night clouded and warm.	49
Tuesday, March 28.	–·78 –·92 30·00	SSE 2. SW 3. S 2. SSE 2.	45	46	58	Cloudy & some rain early, became fine at 6 am, & cleared off at 8; — very bright & warm day with cumuli and small electric clouds. In the even^g many knotty & gay beds of cloud. Heavy rain at midnight.	46
Wednesday March 29.	29·91 30·00 30·00	Var. 1. W 1. SW 1. SE 2.	44	46	58	Cloudy morn^g, cleared after 9. very fine sunny and warm day, with hazy clouds, and a bright halo with one parhelion at times. — Heavy clouds about setting sun. —	47
Thursday, March 30.	29·91 –·91 –·95	SE 1. SE 2. SE 1.	42	47	61	Fog till 8, afterwards very fine and sunny with thin clouds, and many gay electric cirro-cumuli: warm and pleasant day. Even^g very close and a gay curdled sky. — Clear after 10 pm.	52
Friday, March 31.	30·02 –·05 –·12	SE 1. SE 1. SE 0.	45	54	68	Hazy & gay, exceedingly fine and hot very bright after 9 am, with dappled sky: and in the NW — distant rocky clouds intersected by stripes of cirrostrati. —	56

A remarkable increase of heat in the last two days! —

Results of the Month — overleaf. —

Conclusive results for March 1848.

Barom^r.	Highest on 8th	30·31	Therm^r.	Highest on 31st	68°
	Lowest on 12th	28·74!		Lowest on 8th	28
	range	1·57		range	40
	Mean of month	29·52!		Mean of month	43·89
				Mean daily range	11°85

Principal winds SW & SE. fine days 14 … rain 3·50. evaporation 2·04.

This was a very turbulent and wet March, but generally mild, and at the end very hot. An early Spring to this period. — The dark brown & red butterfly, and also the sulphur coloured one appeared on 30th. —

April 1848.

1848.	Barometer	Wind	Thermometer out door lowest	8 a.m	highest	The Weather & Clouds.	Thermometer 8 p.m.
Saturday, April 1st.	30·15 ·16 ·16	SE 1 SE 1 SE 1	46	54	72	Very bright, exceedingly fine, and very hot summer-like day: — no cloud till even^g, afterwards some hazy cirri, and knotty electric ones. — Clear at midnight.	56
Sunday, April 2.	·11 ·06 ·04	SE 1 SE 2 ESE 1	44	54	73	Quite clear in the morn^g, and a very bright and hot day, a few cirri, and small electric clouds: and far in the W, & NW an appearance of distant thunder clouds: and thunder was at times heard all the afternoon.	57
Monday, April 3. New moon 11pm.	·10 ·12 ·12	Var. 0 S 1 Var. 0	43	54	74½	Clear morn^g, some hazy & dappled sheets of clouds from 8 till 11 am; afterwards very bright, and very hot with distant electric clouds. Close and hazy evening. —	58
Tuesday, April 4.	·16 ·16 ·15	W 1 NW 2 W 1	47	56	76	Close with haze and cirri, but very hot, and the whole day, extreme hot for the season: small electric clouds, and thin haze, but bright. The even^g very close and hazy. —	60
Wednesday April 5.	·04 29·95 ·88	WNW 2 W 3 WSW 1	48	52	64	Hazy with many cirri & scuds, very fine & some sun, but cooler, and clouds rather increasing. Cloudy night, and considerable wind from NW & N. —	55
Thursday, April 6.	·75 ·78 ·78	N 2 N 2 N 1	44	47	53	Cloudy more or less, & very cool, clearer after 12 noon, — many large cumuli, and sun between, with a cool breeze. — Even^g much colder & chiefly clear. —	43
Friday, April 7.	·71 ·70 ·58	NE 2 NE 3 E 1	38	44	50	Cold & clear morn^g, followed by many clouds, low and heavy with cold breeze and a few drops at times. More cloudy with rain from 6 till 7 pm, afterwards finer & less wind: but more wind and rain after 9 pm. —	41

April 1848.

1848.	Barometer	Wind	Thermom^r out of doors lowest	8 a.m	highest	The Weather & Clouds.	Thermom^r 8 pm
Saturday April 8.	29·42 ·47 ·52	NE 4 NE 4 NE 3	38	40	44	Cloudy windy and rainy, cold and unpleasant, a great change in a few days from summer heat, to winter's chill. Finer even^g, but cloudy & cold. —	38
Sunday, April 9.	·62 ·64 ·64	NE 3 NE 3 NE 1	38	40	45	Cold and cloudy. some little sleety rain at times, but clearer during afternoon and the even^g fine with less wind. Much rain at midnight. —	40
Monday, April 10.	·52 ·47 ·45	N 2 NW 2 W 1 SE 3	34	38	51	Snow and rain at times till 7 a.m, afterwards fair, bright sun & cumuli from noon till 3 pm, then cloudy, stormy sky and some rain in the evening. —	41
Tuesday April 11.	·60 ·86 ·84	NW 2 NW 1 S 1	35	42	55	Fine with cumuli clouds, and bright sun at times: evening more hazy and wind veered again to Southward. Some rain during night	43
Wednesday April 12.	·48 ·51 ·59	SW 4 SW 3 W 1	42	49	60	Hard rain 5 a.m, windy & stormy but mild morn^g; fine and sunny at noon but after 2pm — heavy storms, vivid flashes of lightning, violent Thunder, and large hail. Evening fine.	49
Thursday April 13.	·71 ·76 ·73	SW 2 W 1 Var. 0	46	52	58	Cloudy more or less, and rather showery, very little gleams of sun, but warm & growing: clearer calm, and pleasant after 4 pm: close evening — Storm of rain & hail at 12pm from NW.	48
Friday, April 14.	·84 30·04 ·12	NW 3 NW 3 NW 1	39	45	55	Bright sun and cumuli clouds, with a cool breeze. More clouds in the even^g, and coppery sun-set. — Clear night and frosty.	45
Saturday, April 15.	·12 ·01 29·98	SE 1 SSE 3 SE 1	33	41	50	Hoar frost early, became hazy and cloudy, cool wind and lowering; some rain in the evening. Cloudy night and finer.	43
Sunday, April 16.	30·07 ·03 29·93	SE 1 SE 3 SSE 2	42	48	55	Gay and curdled sky during the morning; bright forenoon with cumuli, afterwards cloudy and more wind. Even^g cloudy, and rather close. —	46
Monday, April 17.	·67 ·70 ·75	S 2 SW 3 SW 1	45	51	62	Rainy before sun-rise, afterwards fine till 3 pm — with flying clouds & sun, but after 3 pm showery for a while, evening fine & clear. —	51
Tuesday, April 18. Full moon 2½ pm	·74 ·65 ·50	S 3 SSE 4 SE 5	41	48	57	Foggy morn^g, soon clear for a while, but many lowering clouds followed and some rain about noon, windy hazy & stormy sky: rain after 3 pm and all the evening. — Heavy rain most of the night. —	50

April 1848.

1848	Barometer	Wind.	Thermom. out doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Wednesday April 19.	29·41 ·47 ·50	SSE. 2 S E. 3. S E. 1.	44	51	60	Much rain very early, fine sunny morng till 10, afterwards many heavy clouds & showers.— Eveng fine and clearer.—	49
Thursday, April 20.	·42 ·42. ·45	N E. 2. N E. 2 N E. 2.	43	50	54	Very foggy all the morng, & till 11 a.m, afterwards cloudy & rainy the rest of the day.— Evening rather finer, but cloudy & damp.— Much rain during the night.	48
Good Friday April 21.	·51 ·53 ·59	NW. 1 NW. 1 NW. 2.	46	53	65	Close and foggy morng, but became fine: clearer at noon, & very warm with grey electric sky and some sun. Swallows & other kinds of Hirundines appearing much these two days. Cloudy eveng and more wind.—	49
Saturday. April 22.	·50 ·57 ·64	NNE. 3 NE. 3 NE. 3.	47	50	53	Showery at 2 & 3 a.m, day cloudy more or less, with cooler breeze, but fine. Evening cloudy and wind brisk.— Night chiefly the same.—	49
Sunday. April 23.	·72 ·75 ·76	N. 3. N. 3. N. 3	46	51	53	Fine but cloudy, yet more sunny at 8 & 9 a.m, afterwards very cloudy and a cold breeze. Evening the same. The Cuckoo sang much at 6 this morning, near my residence.—	46
Monday April 24.	·70 ·84 ·89	N E. 4. N E. 3 N E. 2.	46	48	50	Very cloudy with showery rain at times, cold and brisk wind: rather finer during afternoon & somewhat clearer: evening cloudy and some drizzling.—	41
Tuesday. April 25.	·88 ·91 ·95	N. 2. N. 2. N. 1.	38	43	48	Fine morng & in part clear, but soon cloudy. A cold, cloudy, and dripping day, gloomy and unpleasant. Finer night & clearer, but cold.	41
Wednesday. April 26.	·93 ·96 ·99	NW. 2. NW. 2. NW. 1.	37½	45	53	Fine sunny morng with light scuds & cumuli, heavy hail showers in the afternoon. Eveng fine and chiefly clear.— Cold & frosty night.	41
Thursday April 27.	·99 ·94 ·92	SW. 1. Var. 0. SSE. 2	34	44	54	Frost early, very bright & warm sun till after 10 a.m, but soon became very showery and unsettled, and the eveng more clouded & rainy.	44
Friday. April 28.	·77 ·77 ·87	S. 1. SW. 1. W. 2. S 1.	38	43	50	Cloudy & very rainy all the forenoon, but afterwards clearer & fine, bright sun from 3 pm, and rocky cumuli. Eveng chiefly clear, and sun set in full lustre.—	43

April 1848.

1848	Barometer	Wind.	Thermometer out doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Saturday, April 29.	30·07 ·08 ·12	W. 1. WNW. 1 W. 1.	35	42	56	Clear & frost early, very fine sunny, pleasant and drying day, with cumuli clouds, and very little wind: Sun-set clear & very deep salmon-coloured. Clear evening.— Night chiefly clear also.—	47
Sunday. April 30.	·17 ·21 ·27	NW. 1 NW. 2. E. 2.	37	49	60	Very fine & bright with cumuli clouds, & gentle breeze. Wind veered to East after 3pm. Clear evening and wind cool to the feelings.— Night clear and frosty.	47

Results for April 1848.—

Barom.r	Highest on 30th — 30·27 Lowest on 19th — 29·41 Range — 0·86 Mean of Month 29·80	Therm.r	Highest on 4th — 76°! Lowest on 15th — 33 Range — 43 Mean of Month 49·08 Mean daily range — 16·2.

Prevailing winds SE, NE, & NW, rain 3·19, & evaporation 2·73 ins., number of days fair — 13 only.—

This month was remarkable for the heat on the first four days, & the continued wet which followed, yet a growing month, but little cold weather, and vegetation early.

The Cuckoo heard on 15th, Chesnut, willow, poplar & sycamore in leaf early — even at the beginning of the month.—

May 1848.

1848.	Barometer	Wind	Thermometer out doors lowest	9 a.m.	highest	The Weather & Clouds.—	Therm. 8 pm
Monday, May 1st.	30·28 ·23 ·21	E. 1. E. 3. E. 2.	35	53	60	Very clear and hoar frost early: very clear all day, warm sun, & cold wind.— Evening also clear & cold.— Clear night and less cold.—	45
Tuesday, May 2nd	·19 ·21 ·21	E. 2. ESE. 2 E. 1.	41	58	63	Very fine and clear, warm sun, with very light cirri, and cool wind.— Sun set very clear, and less wind during the evening.	50
Wednesday, May 3rd.	·21 ·21 ·23	S E. 1. S E. 2. S E. 1.	41	63	72	Very fine, bright and hot, with a few very light cirri and gentle breeze. Sun set very brilliant in fine plane cirri. New moon 7 am.	55
Thursday May 4.	·25 ·28 ·31	S E. 1. S E. 1. E. 1.	42	65	74	Exceedingly fine, quite clear, and very hot, with but little wind.— Clear evening except a few rosy cirri.	55

MAY 1848.

1848	Barometer	Wind	Thermometer out of doors: lowest	9 a.m.	highest	The Weather & Clouds	Thermometer 8 pm.
Friday May 5.	30·31 ·30 ·30	S E 2 S E 3 S E 1	46	65	72	Quite clear, and hot, with a fresh breeze and distant haze on the horizon, some cirri towards evening, but the sun set clear. —	55
Saturday May 6.	·24 ·22 ·20	S 0 SW 1 SSE 2 S 2	42	67	77	Very clear, and so continued all day, except very small cumuli after 12, very hot day and but little wind till 3 pm, afterwards a breeze, and the evening without dew. Sun set red under a plane cirrostratus & some haze. —	59
Sunday May 7.	·16 ·12 ·12	S 1 S 2 SW 2 S 2	47	68	78	Exceedingly fine, very bright, and hot, a pleasant breeze at times, & a very few, small cumuli, but very hot in the afternoon. — Some haze in the evening, and rocky cumuli, among which the sun set very red. —	61
Monday May 8.	·12 ·16 ·21	SW 1 W 2 WNW 1	48	69	79	Very fine, bright and very hot, with gentle wind, and cirri clouds, also some dappled trains. Hazy evening, but a clear orange sun-set. —	59
Tuesday May 9.	·22 ·30 ·34	E 1 E 3 E 1	45	67	76½	Quite clear, and very hot, but a fresh breeze and cooler at times than yesterday. Evening also clear, and very brilliant sun-set. —	58
Wednesday May 10.	·40 ·41 ·42	S E 1 S E 1 S E 0	45	69	78	Quite clear all day, and very hot, no cloud & but little wind. The evening truly beautiful, and the sun-set deep red in a thin cream coloured haze. —	61
Thursday May 11.	·44 ·41 ·39	S E 0 S E 1 S E 1	47	69	80	Thin haze & pale sky, but very bright very hot, and no cloud till evening — sun-set in haze, and mottled cirrostrati. Very close night.	63
Friday May 12.	·33 ·30 ·28	SW 0 W 1 Var 0	51	71	84	Clear morng, and chiefly so all day, except a few very small clouds, — extremely hot, and scarcely any wind. Very close eveng, and arcs of dappled cloud upward, and serrated cirrostrati & electric cumuli westward. —	66
Saturday May 13.	·29 ·29 ·30	Var 0 S E 1 S E 2 & 1.	54	73	82	Hazy & electric in the morng, but soon quite clear, & extremely hot, scarcely any wind till after 12, then a little breeze at times. Eveng clear, and the sun set red in thin haze. —	65
Sunday May 14.	·28 ·29 ·27 ·26	E 0 S E 1 ESE 2 E 1	48	73	81	Quite clear, and extremely hot, with little or no wind, but a strong blue electric haze came on at 11 a.m., & continued some time. Less haze after 2 pm. A group of thunder-clouds on NW horizon all the afternoon & thunder heard after 3 pm. The storm was apparently 30 miles distant or more. Cirri & mottled red clouds about the setting sun. —	63

MAY 1848.

1848.	Barometer	Wind	Thermometer out of doors: lowest	9 a.m.	highest	The Weather & Clouds	Thermometer 8 pm.
Monday May 15.	30·16 ·06 29·91	S E 2 S E 3 S 1	51	67	80	Foggy in the morng, but soon clearer; very strong blue electric haze but bright, and still very hot; distant electric clouds westward, and became black with continual thunder there from 4 till 6 pm. Close & hazy eveng, and many electric clouds. — Distant lightning westward.	67
Tuesday May 16.	29·78 ·71 ·63	SW 1 SW 3 (4) SSW 3	54	73	83	Bright and extremely hot, with a few knotted electric cumuli; a brisk breeze at times, but still continued very sultry. Eveng hazy with electric arcs of cloud, & red cirri.	69
Wednesday May 17.	·52 ·48 ·44	Var 0 E 1 S E 2 S E 1	54	67	75	Many arcs of mixed cloud, & shower about 8 am, soon cleared to a very bright and hot forenoon; the afternoon the same, some electric clouds, chiefly mottled cirrostrati, & the sun set in rocky groups of cloud. —	60
Thursday May 18. Full moon 6¾ a.m.	·44 ·57 ·75	SW 4 WSW 5 WSW 5 SW 2	54	63	68	Flying cumuli & many stormy looking rocky clouds, sun between, and blustering squalls of wind. Some distant showers, & a few drops here. — Eveng nearly clear, with distant groups of stormy looking clouds. —	55
Friday May 19.	·88 ·86 ·85 ·86	SSE 6 S E 6 S E 4	46	61	66	Very windy with flying clouds, hazy sky and sun at times; evening cloudy with cirrostrati, and rather less wind. Night fine & clearer. —	59
Saturday May 20.	·92 30·06 ·14 ·20	S 1 Var 0 SW 1 W 2	51	65	68	Sunny & hot morng, with electric rocky clouds, large black cumulostrati came on at 11 am with thunder, lightning, large hail, and exceedingly heavy rain till near 12 noon. — Afterwards at times bright and showers at a distance. — The hail was as large as marbles.	57
Sunday May 21.	·32 ·32 ·32	NW 1 NW 1 NW 0	47	64	73½	Very fine and bright, with small cumuli and hot sun: calm evening with light clouds, but chiefly clear. Close and cloudy night. —	61
Monday May 22.	·34 ·37 ·40	NW 0 NE 1 E 1 ESE 0	56	62	70	Very close & a little wetting at times; but chiefly fine, some hot gleams of sun, and an electric sky. — Clear eveng, and the sun-set salmon-tint. —	60
Tuesday May 23.	·42 ·40 ·39	NE 2 ENE 2 ENE 2	49	56	66	Much low grey cloud, cool breezes & sun, clearer soon after 10 a.m., chiefly very bright with small cumuli; evening quite clear. Clear also during night.	55
Wednesday May 24.	·38 ·40 ·42	NE 2 NE 2 E ½	47	61	70	Very fine, bright and hot sun, cumuli, cirri, and pleasant breeze. Evening clear except collapsed cirrus, and slight silvery cirrostratus.	58

MAY 1848.

1848.	Barometer	Wind.	Thermometer out doors lowest	9 a.m.	highest	The Weather & Clouds.	Thermom. 8 p.m.
Thursday May 25.	30·36 ·32 ·30	Var 0. E 1. E 1.	47	66	76	Very fine bright and hot, with a few small cumuli. Even^g closer haze & cirri, and some mottled cirrostrati about setting Sun. —	60
Friday. May 26. * ♀ ♃	·21 ·14 ·17	Var 0. S to SW 1. E 2. E 1.	53	68	80	Very close, hot & sultry with haze, and gay electric beds of clouds, but mostly bright. At 1 & 2 pm. large rocky clouds and black with Thunder in the East at 5 miles distance: afterwards again brighter, and a close & hazy evening.	62
Saturday May 27.	·22 ·24 ·27	E 2. E 2. E 1.	52	62	71	Very fine, after a cloudy morning a bright day with cumuli clouds and cooling breeze. Even^g clear except cirri westward. —	54
Sunday. May 28 △ ♂ ♄	·23 ·18 ·12	E 1. S E 2. S E 1.	40	62	73	Cool & clear early, cumuli followed, but very fine with sun between, and many mixed cirri & dotted trains of cirro-cumuli. Hot afternoon & less clouds. Even^g bright, & a dappled sky. —	56
Monday May 29.	·09 ·06 ·07	S E 0. W 0. E.S.E. 2 S E 1.	41	67	78	Very fine & clear, except cirri after 12. but still bright and very hot; evening much closer, dappled, and hazy and the night very hazy. Much distant thunder all the afternoon. —	63
Tuesday. May 30.	·12 ·18 ·20	NW 1. NW 2. NW 0.	52	63	66	Cloudy, blue haze, & little rain in the morn^g, became fine & clearer, and very pleasant sunny afternoon with cumuli & gentle breeze. Bright & calm even^g. —	60
Wednesday May 31.	·13 ·00 29·86	SW 1. SW 3. SW 2.	50	65	69	Very bright morn^g; close with many mixed clouds after 10 am, more clouded after 3 pm, and continual rain from 5 pm till 8 pm, afterwards cleared. —	56

Results for May 1848.

Barom^r.	Highest on 11th	30·44
	Lowest on 17-18th	29·44
	range	1·00
	Mean of month	30·16 !

Thermom^r.	Highest on 12th	84°
	Lowest on 1st	35
	range	49
	Mean of month	60·88 !

Mean daily range — 26°·3 !

Prevailing winds S E and E. Number of fine Days 28, depth of rain only ·82 of an Inch, & Evaporation as much as 5·63 Inches ! —

This was a most lovely month with bright sun, and summer heat. A very early Spring. All trees in leaf early in the month; the Ash latest of all. — Hawthorn blossomed on 7th, and Dog-rose on 23rd. —

Nature I love, Minerva guides my pen,
I'm ever searching - why, which way, and when
She does her feats, e'en through the rolling year,
Mid verdant scenes, or when the snows appear.

JUNE 1848.

1848.	Barometer	Wind.	Thermometer out doors lowest	9 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm.
Thursday June 1.	29·87 ·85 ·80	W 3. W 4. W 3.	47	58	65	Flying clouds and brisk wind, with showers, at a distance, but fine here and sun at times. New moon 2¾ pm. Cool & windy even^g. —	55
Friday. June 2.	·52 ·43 ·40	SW 2. SW 1. SW 2.	47	61	67	Lowering morn^g & some rain, but soon finer with rocky clouds & hot sun; followed by extreme heavy rain with lightning & thunder between 4 & 5 pm. Fine even^g with stormy clouds. —	56
Saturday June 3.	·38 ·40 ·44	S 2. S 2. S 1.	46	59	64	Very showery at a little distance, and a little rain here at times, much distant thunder westward & some nearer at 6 pm with curved lightning. Night fine, with clouds about.	54
Sunday. June 4.	·49 ·65 ·69	SW 2. SW 2. SW 2.	47	62	68	Many clouds, but chiefly fine & sunny, with brisk wind, and some distant showers and thunder W. & N. during the afternoon: another thunder-cloud passed across N W at 6 pm. — Even^g chiefly clear.	59
Monday. June 5.	·79 ·83 ·86	S 3. SW 2. SW 1.	49	63	70	Chiefly fair & sunny, but some distant showers, & a flying shower here at 11 a.m. very sunny afternoon & the even^g still brighter, and pure golden sun-set, except electric clouds below. —	61
Tuesday. June 6.	·88 ·88 ·92	SW 1. SW 2. SW 2.	48	64	72	Bright & warm morn^g; and continued bright with cumuli clouds till 3½ pm, then a very black cloud with much Thunder and lightning from SW, followed by a heavy shower, & a squall of wind, but no more thunder. Evening fair & sunny. —	60
Wednesday June 7.	·98 ·93 ·93	SW 3. SW 3. SW 2.	51	65	71	Fine and chiefly bright with many cumuli and some rocky headed, and a very brisk wind, but hot and close. Bright even^g with electric clouds. —	61
Thursday June 8.	·93 ·85 ·83	SW 2. SW 2. SW 1.	49	65	70	Many flying clouds with sun, and wind, some black clouds and distant showers, and a very black one in SW. 5 pm — after which a shower here, but a fine night.	60
Friday. June 9.	·91 ·91 ·88	SW 2. SW 3. SW 2.	49	63	70	Bright morn^g, and a fine; warm, sunny day with cumuli & dappled sky. Even^g cloudy with cirrostrati, and the night very windy from S & SSW. —	60
Saturday June 10.	·67 ·75 ·73	SSW 5. SW 3. S 1.	56	62	65	Very windy and stormy early in the morn^g and some flying showers till 8 a.m, but fair & sunny from that time till 11 a.m, afterwards rainy and clouded. —	58
Whitsunday. June 11.	·80 ·91 ·95	W 1. W 1. S E 1.	56	63	71	Cloudy at first & a little rain, but soon very fine and sunny, pleasant and warm day with cumuli clouds, and very little or no wind: close evening with knotty & electric cumuli.	63

JUNE 1848.

1848.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	The Weather & Clouds	Thermom 8pm
Monday. June 12. The awful thunder storm Whitmonday night. *	29·94 ·87 ·71 ·67	Var 0. SSE 0 E 2. E 2. SE 2.	51	65	73	Morn^g close with much dark undulated Cirro-stratus & haze, no wind all the forenoon, but clearer, much dappled & electric sky, with sun and very hot; more clouded in the afternoon and a breeze at East: continual Thunder in the South from 5½ pm, became very black with increased thunder & vivid lightning, drawing near from SSE, & w^d E. — A grand bow or Arc of cloud with concentric bands of light and dark lead-color, tinged red: came over at ¼ to 8 - & a heavy rain with awful red, blue, & purple lightning, and reverberating Thunder till about 10 — afterwards fine with distant lightning more or less most of the night!	62
Tuesday. June 13.	29·58 ·74 ·88	SW 1 SW 4. SW 3.	55	63	65	Close & cloudy morn^g; and very showery all day with distant thunder & vivid lightning in SE. 2 pm: clouds very black, and rocky. Some sun at times. Even^g finer and chiefly clear. —	55
Wednesday June 14.	30·10 ·11 ·12	SW 2. SSW 3. S 2.	47	63	70	Very fine and bright with cumuli clouds and brisk wind: clear evening except cirri in long curls. Fine night but rather hazy and close with less wind. —	61
Thursday June 15.	·02 29·98 ·95	SE 1. E 2. E 1.	53	71	78	Bright and very hot with dappled electric sky: much cirrus and haze in the evening, and very close. — The night also close and electric.	66
Friday, June 16.	·93 ·98 30·02	E 1. SE 3. SSE 2. 1. 0.	59	70	80	Knotty electric clouds, & some distant rain in SW at 7 am, soon clearer, and very hot with hazy sky: The afternoon much hotter and nearly clear. Even^g calm, clear, and very sultry. — Full moon 9 pm. Much haze, & rocky heads in ESE horizon at 9 pm.	68
Saturday, June 17.	29·92 ·95 ·95	SE 1. SE 2. SE 0.	58	69	75	An intermitting shower between 2 & 3 a.m. with lightning & Thunder. Very sultry morning, but fair after ☉ rise, bright with cumuli till near 12, afterwards very hazy and close: coppery tint on all the clouds at sun-set. — a little rain at 10. —	67
Sunday, June 18.	·93 30·01 ·06	SW 2. SW 3. W 1	60	65	70	Thin clouds & dappled upward, fine and close morning. Many mixed clouds in the day with trifling shower or two, and sun at times: the wind gusty but warm. — Even^g showery & gloomy.	62
Monday, June 19.	·15 ·19 ·22	NW 2. N 2. NNE 2	54	58	64	Cloudy & very thick mizzling till near noon; but a fine afternoon, sunny and pleasant, with cumuli below, and dappled upward. —	56
Tuesday June 20.	·23 ·23 ·21	NE 1. NE 0 NE 0.	53	59	65	Cloudy more or less, but very fine, calm and pleasant, with gleams of sun. Even^g very sunny with grey clouds, calm and beautiful.	62
Wednesday June 21.	·14 ·15 ·17 ·18	N 0. N 1. N 0.	55	65	68	Very pleasant, close and calm: sun at times, but many electric clouds, and more so in the even^g. very gay and dappled. —	63

JUNE 1848.

1848.	Barometer	Wind.	Thermometer out of doors: lowest	9 am	highest	The Weather & Clouds.	Thermom 8pm.
Thursday, June 22.	30·15 ·12 ·08	E 1. E 1. ESE 1	53	70	79	Very fine, quite clear, and very hot; a few very small electric clouds in the afternoon and the sky a very deep blue all day. Sun set clear. A lovely evening, but a cloudy night. —	64
Friday, June 23.	29·99 ·92 ·80	E 1. E 3. E 3.	55	63	70	Cloudy morn^g, but a fine & pleasant day, with sun at times, and a very electric sky, dappled above, & mixed clouds below. Even^g more cloudy with knotty groups, and far in the South, dark rocky banks of cloud. wind brisk at East as before. — Thunder in SW. & very black at 8 pm, and extreme heavy rain after 9, continuing at times all night.	61
Saturday. June 24.	·69 ·71 ·74	SW 2. SW 5. SW 4.	59	65	70	Many clouds, and a stormy sky, wind in gusts, & a heavy flying shower at 10½ a.m. very black clouds passing, but a fine sunny afternoon, windy & cumuli flying.	60
Sunday. June 25.	·74 ·82 30·01	SW 1. W 2. NW 2.	53	61	68	Lowering morn^g, with frequent showers till noon; after 2 pm, fine and sunny with cumuli clouds: evening very fine, and chiefly sun with light clouds. —	59
Monday, June 26.	·12 ·18 ·13	NW 0. NW ½. S 1.	50	63	71	Fine and sunny morn^g, and a very fine warm and bright day, some cumuli, and no wind; evening hazy with mottled clouds, & wind changed. —	63
Tuesday, June 27.	·03 29·93 ·88	SSW 1 SW 3. SW 4.	57	63	68	Cloudy, close, & a little light rain early; the day chiefly fine and very close, but cloudy more or less, with a few drops at times, a gay even^g sky, dappled above, scuds below, & gusty wind.	63
Wednesday, June 28.	·86 ·92 ·94	WSW 4. W 4. W 2.	57	65	70	Fine and warm but windy and many mixed clouds, sky very gay with beautiful cirri and varied cirrostrati and scuds. — Some small showers at a distance. — Windy & cloudy night. —	63
Thursday, June 29.	·74 ·68 ·77	W 4. W 6. WNW 4.	56	62	68	Dark and lowering till noon, & a little wet at times. Afternoon very windy with sun and mixed clouds. At 3 pm a small storm of large drops for 2 minutes. — Windy and bright even^g and brassy sun-set. —	61
Friday, June 30.	·74 ·67 ·62	W 2. W 1. W 0.	54	63	68	Mixed clouds but fine & sunny till noon, showery afternoon, and loud thunder in SE at 4 pm. — Dark clouds in the Evening. New moon - 10½ pm. —	58

Barometer { highest on 20th 30·23
Lowest on 3^d 29·38
range — 0·85
Mean of month — 29·88.

Thermom^r { Highest on 16th 80°.
Lowest on 3^d — 46
range — 34
Mean of month — 61·28
Mean daily range — 16·96

Wind chiefly SW. rain 3·84 - Evaporation 4·10. Fine days 15.

Conclusive remarks on June 1848.

The month of June was warm and growing but with many heavy rains, and far less brightness & heat than its predecessor. – A short but good hay time occurred between 17th and 24th, but those who cut grass & clover afterwards were as usual caught in the wet more or less. – Hay, corn & garden-crops moderate.

JULY 1848.

1848.	Barometer	Wind	Thermometer out doors lowest	9 a m	highest	The Weather & Clouds.	Thermometer 8pm
Saturday, July 1st	29·62 ·70 ·85	W 2. W 3. NW 1.	46	62	66	Very bright morng, and fine till noon but many rocky clouds after 9 a.m. cloudy with little showers at 1. 2 & 3 pm – afterwards fine with sun at times. – Clear night	55
Sunday, July 2.	·93 ·95 ·98	W 2. W 2. SW 0.	47	63	68	Clear morng; and chiefly fair sunny and pleasant, but many rocky clouds, and distant showers. and a small shower with hail at noon here. – Calm and pleasant evens, with rocky groups on the East horizon. – Distant lightning in SE.	57
Monday, July 3.	·92 ·87 ·88	SW 1. SSW 1. SSW 0.	52	59	66	Lowering with a little light rain at times, some sunny intervals at noon & after, but more lowering & rainy at 4 pm, and a mizzling evening. – Night fine, and clearer.	61
Tuesday, July 4.	30·05 ·17 ·23	NW 1. NW 1. W 0.	53	61	67	Fine & very pleasant, many mixed clouds gentle wind, and sun at times; evens beautiful, bright & calm with dappled sky. – Night clear.	61
Wednesday, July 5.	·31 ·31 ·31	Var 0. Var 0. SE 1.	49	69	78	Very fine, clear, and very hot, some cumuli and haze during the day, but chiefly with no wind and very hot & sultry. Cirri & haze in the evens, and very close and electric air. –	65
Thursday July 6.	·27 ·22 ·21	SSE 1. SSE 3. SE 1.	55	76	87	Very fine, bright and excessively hot, with small white knotty electric clouds – & some distant rocky ones. The Thermomr stood 87° till near 3 pm – at 7 pm 77, and at 8 pm 72½ as noted opposite. Evens clear, except cirrostrati by setting sun. –	72½
Friday July 7.	·04 ·00 ·00	SSE 2 S 4. SW 4. 5. 4.	63	80	85	Excessive heat, and Arcs of electric mixed cloud rising in SW, very distant Thunder westward, chiefly bright here & extremely sultry. a little rain 1 pm, more electric & windy afterwards with flying clouds the rest of the day. –	66
Saturday, July 8.	·09 ·09 ·11	SW 3. SW 4. SW 2.	55	67	72	Bright morng. followed by many flying clouds & wind, but chiefly fair and sun at times. Cirri abundant, and mixed clouds below with distant showers. –	63
Sunday, July 9.	·06 29·87 ·82	SW 2 SW 3 SW 2.	54	62	62	Cloudy and rainy from 7 a.m.; and continual rain till near 6 pm, afterwards fair, broken clouds and some sun. –	62

JULY 1848.

1848.	Barometer	Wind	Thermometer out doors lowest	9 a m	highest	The Weather & Clouds.	Thermometer 8pm
Monday, July 10.	29·98 30·09 30·23 30·34	NW 2. NW 3. NNW 2	54	64	68	Bright sun & many cumuli and light broken or flimsy cirro cumuli above fine and warm day with a pleasant breeze. Clear and cool evens & night. A large meteor fell near the moon 9 pm. –	59
Tuesday, July 11.	30·49 ·52 ·54	NW 2. NW 1. NW 0.	49	64	69	Very fine, clear, and hot sun, with a cooling breeze, & very small cumuli of a loose form. – Evens very bright and at sunset a beautiful screen of dappled cloud in the west, tinged rose-color. –	61
Wednesday July 12.	·58 ·59 ·59	E 1. E 2. E 0.	51	69	76	Exceedingly fine, very bright with small cumuli & very hot: so continued all day and the evens quite clear, with a lovely golden sunset. A meteor SW (9¼ pm.	64
Thursday. July 13.	·57 ·54 ·52	ENE 1. ENE 1. ENE 1.	53	70	78	Quite clear, splendid sky, and very hot, a few very small cumuli at a distance & very gentle wind. Some rosy cirri about the setting sun. – Fog after 10. –	66
Friday, July 14.	·45 ·37 ·36	E 0. Var. 0. NW 2. E 1. Awful lightning all night.	54	72	85	Fog early, cleared after 6, bright and very hot. After 12 a thin haze & electric sky excessive heat & no wind. Became black in NW with continual distant Thunder from 2½ pm: & nearer after 5 pm in SW. Hazy evens & dark in SW, still thundering there, & very sultry. Thunder & vivid flashes of lightning from NW from 9 pm. – and 5 severe storms in succession came over with incessant bright lightning & violent thunder till after midnight with some rain.	67
Saturday July 15.	·38 ·40 ·40	NE 1. NE 2. NE 1.	57	66	69	Gay dappled sky & cumuli below, fine sunny and pleasant; fewer clouds in the afternoon, & the evening quite clear. – Clear and much cooler night.	59
Sunday, July 16.	·40 ·34 ·32	NE 0. NW 1. E 1.	47	67	76	Full moon – 9 a.m. – Clear, very fine, bright, and very hot with electric groups of cumuli. Calm & close evening, sun set red in cirri & haze. –	65
Monday, July 17.	·26 ·24 ·24	NW 1. NW 2. Var. 0.	54	66	73	Very gay electric clouds all the morng, & till after 12, chiefly bright & hot. Lower clouds & less electric in the afternoon but very fine with sun at times: Evens calm, close, and cloudy. – Some distant Thunder at 9 in the morng Southward. –	64
Tuesday, July 18.	·18 ·15 ·07	W 1. W 2. WSW 0	54	67	74	Bright & hot morng, more clouded after 10 a.m, but again clearer after 12, loose cumuli & bright sun, fresh breeze but hot. Evens calm & close, but nearly clear. – More clouded after 9 pm. –	65
Wednesday, July 19.	29·86 ·76 ·72	SW 3. SW 5. SW 4.	57	65	73	Warm & windy with flying clouds, and the wind increasing all day, yet warm and sun at times, clouds flying fast, and the dust whirling up in the roads. Evens more cloudy & squally, and the night very windy, but close and sultry. –	64

AUGUST 1848.

1848.	Barometer	Wind.	Thermometer out of doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermom 8 pm.
Sunday, August 6.	29·67 ·80 ·81	SW 3. SW 2. SW 2.	53	64	68	Many flying clouds, sun at times, with a brisk wind, and showers at a distance; gay and dappled in the eveng, but more clouded again at sun-set, a shower at 9 pm, but a fine night.	62
Monday. August 7.	·95 30·10 ·11	W 2. W 1. W 0.	50	63	71	Very fine and bright with cumuli clouds, and gentle breeze: calm and pleasant eveng but some heavy dark clouds in SW & S rising fast.	62
Tuesday August 8.	·03 29·99 ·90	SSE 1. SSE 2. SE 0.	49	65	72	Very fine warm, & pleasant morng, much dappled upward, hot & chiefly sun in the forenoon, but growing hazy Southward, lowering afternoon, little rain after 2 pm; & till after 5 pm, then a calm & hazy eveng. — showery night.	60
Wednesday August 9.	·90 ·93 ·97	W 2. W 2. SW 1.	52	65	71	Bright sun & flying cumuli; but at noon heavy rocky clouds, & much thunder & lightning at a little distance N & NE, a little rain here. many rocky clouds & distant thunder showers. all the afternoon & eveng. — lightning SE. 9 pm.	58
Thursday August 10.	30·03 ·06 ·12	W 2. W 2. W 0.	48	65	74	Bright with cumuli clouds; very fine sunny and hot till after 2 pm, then a short shower and gust of wind: again bright at 3½ pm. A violent thunder storm near 6 pm at 5 miles N, with severe lightning falling, & startling thunder. — Beautiful rocky clouds in SE & E - red with eveng rays at 7½ pm.	58
Friday, August 11.	·17 ·17 ·15	W 1. W 0. SW 0.	49	66	74	Bright morng, but many mixed clouds followed & some haze. — Close air and hazy streaked sky & no wind: Eveng the same. Night hazy and very calm & close. —	61
Saturday, August 12.	·11 ·15 ·15	NE 1. E 1. SE 1.	54	64	67	Cloudy morng, little wet till 8, afterwards fair, with some sun, & many clouds, chiefly cumuli and a close calm state of air. Dark knotty clouds in the eveng, red at sunset, but at 10 pm, nearly clear, & moon bright.	61
Sunday, August 13.	·13 ·10 ·07	NW 1. NW 0. NE 1.	53	63	68	Very fine, calm & pleasant, with some sun, but many light clouds & elliptical cirrostrati of white and dusky hue. — Eveng very cloudy & a little rain at times.	58
Monday, August 14.	·05 29·97 ·94	E 2. E 2. ENE 3	53	57	57	Gloomy & lowering morng, & from 9 am, continual rain all day, but chiefly light. — wind brisk, & cold for the season. — Full moon 8¼ pm — rain heavier in the Eveng, & continued in the night, but less. —	52
Tuesday, August 15.	·95 30·03 ·05	ENE 3 E 2. E 0.	52	57	61	Dark & wet till 8, afterwards fair, but cool & very cloudy: evening much clearer, and wind gone. Much cirri & hazy cirrostrati upward. — Fine night & warmer.	56
Wednesday August 16.	29·96 ·91 ·95	E 0. E 1. E 0.	51	64	71	Fine, and gay curdled sky, with hot sun till noon, afterwards many dark clouds, and no sun; eveng brighter, calm warm & very pleasant. Much mist on the valleys after 9 pm — and clear upward. —	64
Thursday August 17.	30·00 29·99 ·99	SW 1. SW 3. SW 3.	52	65	72	Fog early, passing off at 8 am, followed by low cumuli & electric cirri upward, hot sun, and light breeze: rocky & more electric at noon, but more dull & hazy after 1 pm. Close eveng, dark in SW, and much very distant Thunder. — Night fine and clearer. Many luminous clouds.	63
Friday, August 18.	30·19 ·15 ·06	W 0. SE 2. SE 3.	50	60	71	Hazy & gay upward till 10 am; then became very bright, with cumuli only till 1 pm, afterwards hazy & more wind: dark and hazy in the evening. Close night. —	61
Saturday, August 19.	29·86 ·84 ·90	SSW 4 SW 3. SW 1.	60	63	68	Very warm breeze, and lowering with a little rain at times till noon, afterwards finer but hazy and cloudy more or less, very red curdled eveng, and less wind. —	63
Sunday, August 20.	30·02 ·03 ·02	W 0. W 1. W 0.	50	66	71	Quite clear and calm in the morning, and the whole day chiefly bright, with cumuli, and cirri clouds: very fine and pleasant day. Red rocky clouds & electric sky in the evening. —	61
Monday, August 21.	29·85 ·53 ·58	SSE 3. SSE 5. SW 6.	50	56	65	Red morng but fine. Lowering with drifty rain from 8 till 12, then hasty rain & squalls with thunder till after 2 pm, then clear & very windy. Eveng stormy & boisterous.	59
Tuesday, August 22.	·70 ·62 ·72	SW 2. SW 2. W 1.	53	62	64	Very showery with much distant Thunder in SW, W, & NW at 2½ pm, and very black with rocky heads, sun at times; stormy evening distant showers, black & brassy clouds. —	53
Wednesday August 23.	·75 ·80 ·82 ·89	SW 1. WSW 2 W 1.	47	61	69	Chiefly fair, bright & warm, many cumuli, and some larger & denser clouds, with a few drops of rain at times; violent thunder in WNW from 3 pm — very black in that point and it came near at 5 pm — with a hasty shower, sharp lightning and very loud thunder, afterwards a calm and bright evening. — Much lightning Eastward at night. —	56
Thursday August 24	29·96 30·02 ·06 ·08	NW 1. NW 1. Var. 0. NW ½.	44	60	68	Clear, cool, & dewy morng, fine & bright with cumuli clouds, till 3 pm, much thunder in several points & a heavy shower here about 4 pm: Eveng fine, with rocky electric clouds, & distant Thunder; vivid lightning Eastward at 8 pm, and very black there and in NE, & no wind. —	55
Friday, August 25.	·16 ·16 ·16	SW 1. SSW 0 S 1. 2. SW 1.	43	62	68	Very bright morng, & much dew, continued bright with cumuli clouds, & little or no wind; a gentle wind after 3 pm, veering about S; fine serene eveng, rosy sun set, grey clouds, & some curl cirrus. — Night hazy. —	57
Saturday, August 26.	30·02 29·95 ·93	SSE 3. S 3. SSW 2.	53	61	67	Cloudy with rain from 9 till 12, afterwards fair & sultry, thick blue haze and no sun; — Thermomr rose till 6 pm, & fell but little afterwards. Sultry & hazy eveng, night cloudy and exceedingly close & sultry. —	65
Sunday, August 27.	·90 ·96 ·99	SW 3. SW 2. SW 3.	64	69	72	Extremely sultry with a hot breeze, all the night past, and through this day, very little gleams of sun, but a dark blue haze continually. — Eveng more clouded & remarkably sultry; night almost as hot as the day, with wind and continual haze & low cloud till near ☉ rise. —	68

AUGUST 1848.

1848.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	The Weather & Clouds.	Thermometer 8pm.
Monday, August 28. New moon 7 pm.	29·93 30·01 ·09	SW 3. SW 3. SW 2.	64	69	74	Much thin & low blue cloud flying, and very gay & dappled upward, some sun at times, and exceedingly sultry, with a hot breeze. Very electric in the evens with red mottled cirrostrati, — and some very distant thunder. Showers in the night.	64
Tuesday, August 29.	·13 ·11 ·09	SW 1. SW 1. S 0.	59	67	70	Some rain early, but a fine morng, and the day fine & close, dappled & electric upward, and cumuli & haze below: — Much blue haze all the afternoon, and the evens hazy, calm & sultry.	63
Wednesday, August 30.	·13 ·16 ·15	W 1. W 1. W 0.	54	63	72	Very fine, bright, and hot, some cirri during the morng, but cumuli only afterwards, evens calm, bright, and beautiful. Night clear. —	59
Thursday, August 31. 8 ♂ ♄	·18 ·18 ·18	NW 0. NE 1. Var. 0. Var. 0.	48	63	68	Very fine & clear, except electric cirrocumuli till 11 am, then rocky cumulostrati, which suddenly became united, with great darkness & extreme heavy rain from NE from 1½ till 3 pm, & distant thunder NW. rainy evens & distant lightning & thunder in SE. Night very rainy. —	54

Results for August 1848. —

Barom.	Highest on 18th	30·19	Thermom. Highest on 10th 11th 28th	74°
	Lowest on 1st	29·48	Lowest on 25th am	43°
	Range	0·71	Range	31
	Mean of Month	29·95	Mean of Month	60°·56
			Mean daily range	17°·5

The Number of fine days only 13, rain 3·47, & Evaporation 3·06 Inches
Prevailing winds SW. and W. —

This month proved very unfavourable for the harvest, more so in the Southern Counties than elsewhere, and much corn remained very long in the fields after being cut. — Near the end of the month a change slowly drew on with a peculiarly sultry state of atmosphere: and the last rain on 31st was chiefly confined to this district. — Here it was the heaviest of the whole summer on 31st of August and proved, as is often the case, the final rain. —

September 1848.

1848.	Barometer	Wind.	Thermometer out of doors: lowest	9 am	highest	The Weather & Clouds.	Thermometer 8pm.
Friday. Septr. 1st	30·20 ·27 ·33	NW 2. N 1. SW 0.	50	57	64	Rain early till after 6 am, became fair, and bright, with cumuli clouds, very bright the rest of the day, drying & cheerful. Evens more hazy with darker clouds; Night very fine and clearer.	56
Saturday, Septr. 2.	·41 ·42 ·45	W 2. W 3. W 1.	50	63	72	Very fine, bright and hot, with thin clouds. evening close & hazy, but very fine, and a rosy sun-set. Night very fine, and beautiful. chiefly clear.	62
Sunday, Septr. 3.	·43 ·43 ·40	W 1. W 1. WSW 0.	51	63	73	Thin clouds early, very bright, calm and hot day, very pleasant and summer-like. Lovely bright evening, some lines of cirri from SW across Zenith, no other clouds; a deep rose tinted sun-set, and the cirri same tint	62
Monday Septr. 4.	·32 ·23 ·20	SW 1. S 2. SSE 1.	52	67	78	Fog early, became clear, and a very hot, bright, and beautiful day, some curly cirri, and a little wind at times: clear rosy sun-set, and many cirri of same colour.	64
Tuesday, Septr. 5.	·01 29·95 ·93	SE 2. SE 3. SE 1.	55	72	81	Fog early, very bright after sun-rise, and continued very bright, and extremely hot, with dappled electric sky; and in the evens a bank of distant thunder-cloud westward. Hazy and dappled at 9 pm, sultry night.	67
Wednesday, Septr. 6.	·88 30·00 ·09	SW 2. W 2. W 0.	61	66	74	Light shower 4 am, fine afterwards, and a very bright and hot day, with a fresh breeze; very close evens, lofty grey clouds, and no wind. Fine night and much clearer.	64
Thursday Septr. 7.	·17 ·16 ·17	SW 3. WSW 2. WSW 1.	51	63	71	Very fine, bright sun, and thin clouds: an exceedingly pleasant day throughout; evens more hazy, and thin mottled cirrostrati: fine night & somewhat cloudy	62
Friday, Septr. 8.	·10 ·03 29·95	SW 2. SW 3. SW 3.	53	61	65	Cloudy, more or less, but fair, and a little sun at times, very red west at sun-set, and horizontal bands of deep rose-colour, followed by an open yellow arc of sky, but cloudy upward: night in part clear. —	59
Saturday, Septr. 9.	30·02 ·00 29·98	W 2. W 2. W 3.	52	64	69	Very fine, warm, sunny & pleasant, with a mixture of electric clouds, curdled & silvery. In the evening the same clouds, & a brisk warm breeze.	63
Sunday, Sept 10.	·87 ·76 ·72	SW 2. SW 4. SW 3.	59	67	68½	Very gay & dappled, in silvery dots all the morning, fine & warm with much thin cloud till 2 pm, then more cloudy with gentle rain; close evens, rain at times. — Hard rain at midnight. —	62
Monday Septr. 11.	·93 30·11 ·25	NW 3. NW 2. NW 0.	48	56	59	Fine with sun, flying cumuli & cool wind; more cloudy in the afternoon; evening clearer & cold, but no wind. Very fine & clear night. —	51
Tuesday, Septr. 12.	·38 ·40 ·42	NW 1. NW 1. N 0.	47	57	61	Very fine and bright, with cumuli & a cool breeze: cold and calm evening and night, chiefly quite clear. Wind NE & N. — A fine time ever since September came in.	50

September 1848.

1848.	Barometer	Wind.	Thermometer out doors lowest	9 am	highest	The Weather & Clouds.	Thermom. 8 pm
Wednesday, Septr. 13. Full moon & eclipse com.	30·40 ·39 ·35	NW1 NW1 Var.0	41	55	63	Very fine with lofty cumuli & sun, cold morn^g, but a pleasant day; even^g calm, with a curdled sky. Cloudy night more or less, but fair.	53
Thursday, Septr. 14.	·28 ·31 ·37	NW1 NW3 N1	47	57	64	Very fine, with cumuli, cirri, and bright sun between; with a very cool breeze, but pleasant; even^g clear, moon bright. Very clear night.	51
Friday, Septr. 15.	·47 ·48 ·51	N0 NE0 E0	41	57	63	Quite clear, all the morn^g, and a very fine, calm, & sunny day, with cumuli clouds; even^g quite clear, and bright orange sunset. —	53
Saturday, Septr. 16.	·52 ·51 ·50	SW1 SE1 SE0	44	60	69	Deep orange sun rise & quite clear, a very bright and hot day, no cloud to hide the sun: exceedingly fine and pleasant. Evening also clear, & golden sun set.	56
Sunday, Septr. 17.	·47 ·40 ·42	W0 W0 W0	43	60	69	Quite clear, and continued so all day very hot in the sun, lovely weather. some dappled cirrostrati about the setting sun. Clear night.	56
Monday, Septr. 18.	·35 ·32 ·31	NW0 NW1 NW0	45	60	64	Foggy morning: fine sunny day with cumuli, and mixed clouds, rather hazy, at times. Very clear and cold night frost on the valleys. —	52
Tuesday, Septr. 19.	·09 29·99 ·98	Var.0 SE2 SE2	38	58	66	Cold morn^g, but a fine warm & pleasant day, cumuli clouds & sun. — Even^g very clear rosy twilight and a light breeze. —	54
Wednesday, Septr. 20.	·90 ·89 ·92	SE2 SE3 SE1	46	63	70	Exceedingly fine & clear, with a warmer breeze, bright and hot day, and a continued dry breeze: much red cirri during even^g, and less wind. —	53
Thursday, Septr. 21.	·95 ·95 ·97	SE0 SE1 SE0	42	61	72	Fog early, became very bright, and hot, a real summer's day, light curdy dappled clouds in zenith after 4 pm, and much electric cloud in SW. Sultry night & a few drops 8 & 9 pm. —	60
Friday, Septr. 22.	·99 ·99 ·99	SE0 SE1 E1	54	67	78	Fog early. clear after 8. and extremely hot, continued bright with small curdled electric clouds: very sultry even^g and much curdled & knotty cloud. Very close evening, and rather hazy. —	62
Saturday, Septr. 23.	·90 ·81 ·75	E3 E3 SE1	56	66	71	Very fine morn^g, with light cirri, warm breeze, & hot sun. Hazy afternoon bright haloes, and became cloudy with a little wet after 5 pm. Very close even^g and less wind.	61
Sunday, Septr. 24.	·40 ·42 ·50	SE1 W3 SE2	56	56	59	A most excessive fall of rain all the morn^g from 1 am till near 9 am, & then abating — wind veered after 8 — to W — and it became fine after 11 am, but cloudy. Cleared after 4 pm & wind returned to SE. — Bright evening and stars bright. Great & sudden flood.	53

The fall of rain this morn^g was beyond any I have recorded before — having been 2 inches & 12 hundredths. and caused floods in the vales.

September 1848.

1848	Barometer	Wind.	Thermometer out of doors lowest	9 am	highest	The Weather & Clouds.	Thermom. 8 pm
Monday, Sept 25.	29·54 ·61 ·68	ESE2 E2 E2	48	62	68	Very fine bright and warm, with cumuli clouds and a pleasant breeze; more scuddy towards evening but fine. Night cloudy and warm with a breeze at East. — There was fog in the morn^g.	58
Tuesday, Septr. 26.	·72 ·80 ·83	E2 E2 E1	54	58	60	Cloudy and electric with some sun, more or less cloudy all day with a warm breeze; gentle rain in the even^g. and rainy at times all night. —	57
Wednesday, Septr. 27.	·82 ·85 ·89	E2 E2 E1	56	60	64	Rainy at sun rise, & after, but fine after 8, became bright and very warm, with cumuli & cirrostrati; New moon 9½ am: — Cloudy and close evening. —	57
Thursday, Septr. 28.	·87 ·90 ·92	ENE2 ENE3 ENE3	55	58	62	Very cloudy and close, rather inclined to rain at times: continually cloudy and dark lowering clouds. Close and dark night with rain at times.	58
Friday, Septr 29.	·81 ·75 ·73	NE0 NW2 E1	56	58	61	Very rainy from about 4 am, and continual hard rain all the forenoon, and increased at 1 pm, rather finer at 4 & 5 pm, but afterwards continual rain again, till after 9 pm Great Floods on the vales. — Night finer but cloudy.	58
Saturday, Sept 30.	·83 ·84 ·86	SSW2 SSW3 SSW3	53	60	65	Cloudy morn^g very little wet, but cleared after 8 — became very fine, bright and pleasant, with flying clouds, and brisk wind: evening more cloudy at times, with arcs of mottled cirrostratus. — Night cloudy & close. —	59
						N.B. The sudden change and tremendous rain occurring exactly at the Equinox was a striking proof of what we often find to be the case — that there are the four crises of our year, which usually are marked periods of change. —	

Results for September 1848.

Barom^r.	Highest on 16th	30·52	Therm^r.	Highest on 5th	81° !
	Lowest on 24th	29·40		Lowest on 19th morn^g	38.
	range	1·12		range	43
	Mean of month	30·07		Mean of month	58·79.
				Mean daily variation	17·31.

Fine days 23 — and yet the rain was 4·37 Inches ! — Evaporation 3·22 in, and the winds varied much, but most SE — NW, E — & W. —

This month was beautifully fine till 23^d and often very hot, but the last week was remarkable for the excessive fall of rain, which surpassed all on record for the same period or space of time for 60 years past !

October 1848.

1848	Barometer	Wind	Thermometer out of doors lowest	9 am	highest	The Weather & Clouds.	Thermometer 8 pm
Sunday, Octr 1st.	29·82 ·82 ·83	SW 2 SW 2 S 1	54	56	63	Some rain early but became very fine, a sunny warm & pleasant day, with mixed electric clouds: — rocky below, and dappled upward. Showery evening and very close. —	59
Monday, Octr 2.	·85 ·83 ·82	SSE 1 SE 1 SE 1	52	57	65	Foggy morng, very bright, warm, and pleasant day, with cumuli and cirri. More hazy and clouded in the eveng, and a dark and close night.	58
Tuesday Octr 3.	·81 ·90 ·97	SW 1 SW 1 SW 1	55	59	65	Showery morng, but fine and sunny after 9 a.m., a very bright and warm afternoon, cumuli clouds & no wind. Arcs of cirri all the eveng & rather hazy.	56
Wednesday, Octr 4.	·98 30·01 ·06	S 3 S 3 S 3	53	59	67	Cloudy & some rain during the morng; afterwards fine but cloudy hot and sultry, with very little sun; and the evening and night very sultry.	64
Thursday Octr 5.	·20 ·27 ·30	SW 2 SW 2 SSW 2	60	63	70	Hot close and sultry, thin clouds, and sun at times; beautifully dappled upward at 3½ pm, & after: eveng clearer with small red collapsed cirri.	63
Friday, Octr 6. * ☽ 4	·30 ·28 ·29	S 1 SW 1 S 1	57	63	73	Exceedingly fine, bright, and very hot with a few light clouds, & rather dappled; gentle wind and real summer weather. Some cirri & curdled beds of cloud in the eveng; & very sultry.	64
Saturday, Octr 7.	·27 ·20 ·19	SE 0 SE 1 SE 0	54	60	72	Fog early, but soon clear, exceedingly fine and very hot, chiefly bright, but hazy and dappled. — Evening more hazy and close, but very fine. —	62
Sunday, Octr 8.	·15 ·14 ·18	SW 1 WSW 2 WSW 1	58	62	69	Very fine, close & hazy morng, became bright with small electric clouds, some lower clouds flying at noon, but again very bright and hot, during afternoon; eveng rather hazy, but moon bright.	58
Monday, Octr 9.	·13 ·01 29·73	SW 1 SW 4 W 6	53	56	61	Fine morng, hazy clouds & some sun, more wind & again more cloudy at noon, and a very rainy afternoon, with distant thunder. Stormy eveng, squalls & showers. —	58
Tuesday, Octr 10. * ⊙ 4	·72 ·72 ·80	W 4 W 4 W 4	49	49	56	Frequent storms of rain & squalls of wind some sun at times, but mostly driving rain. Evening finer and less wind in the night.	50
Wednesday Octr 11.	·98 30·03 ·04	NW 2 NW 2 NW 1	47	51	58	Clear morng, chiefly fine & sunny with cumuli & cool wind: a few flying drops of rain at times. Very bright moon-light evening.	47
Thursday, Octr 12.	·04 ·03 ·09	NW 1 N 2 NE 2 NW 1	46	51	57	Fine & sunny with cumuli clouds, and some stormy ones about, trifling shower or two after 2 pm & colder wind. Full moon 4 pm: very showery evening, but clear at 8 pm. —	50

October 1848.

1848	Barometer	Wind	Thermometer out of doors lowest	9 am	highest	The Weather & Clouds.	Thermometer 8 pm
Friday, Octr 13.	30·09 ·15 ·15	NW 1 NNE 2 NE 3	44	50	56	Very showery with sun at times; heavier rain & continual from 4 to 6½ pm. afterwards finer: — but during night more rain at times.	48
Saturday Octr 14.	·21 ·18 ·18	NE 1 NE 2 NE 2	48	51	54	Continually showery with short gleams of sun at times; a stormy and watery sky, with rocky and low clouds. — Eveng rather finer.	46
Sunday, Octr 15.	·06 29·95 ·95	NW 1 SE 1 SE 0	45	50	53	Rainy more or less till noon but a fine sunny afternoon, with rocky clouds, and a hazy evening with unsettled sky. — Rain during night.	47
Monday, Octr 16.	·82 ·84 ·86	E 1 NE 1 NE 2	47	50	56	Much rain early, but a fine day, with mixed clouds and sun at times. Fine evening with grey clouds, and some haziness.	50
Tuesday, Octr 17.	·90 ·95 ·95	N 2 N 3 N 3	46	47	52	Chiefly fine with many rocky and raggy clouds, some sun, and at times light drops of rain: night fine but hazy & cloudy with a cold breeze.	40
Wednesday Octr 18.	·72 ·67 ·67	N 3 NE 5 NE 3	37	40	44	Very cold, hazy, & cloudy more or less, and after 12 rain at times, wind increased much & very cold, dark, and boisterous; but warmer after 8 pm. —	40
Thursday Octr 19.	·70 ·75 ·84	NE 2 NE 2 NE 1	39	44	53	Showery early: bright at times with little showers in the day, and stormy sky. Fine evening, and partially clear, yet much milder than of late. Rainy night.	44
Friday, Octr 20.	·95 ·89 ·93	NE 3 NE 3 E 2 SE 4 SE 1	43	47	51	Chiefly overcast, and continual showery rain more or less, and brisk wind. Heavier rain at 4 pm, & became black in SE at 5½ pm, with a sudden wind & storm of rain from thence, afterwards a fine eveng, but a showery night.	45
Saturday Octr 21.	·90 ·94 30·00	SE 3 SE 4 SSE 2	44	49	53	Stormy morng, but fair and sunny after 9 a m, rocky and gay clouds with wind in gusts. — Eveng cloudy and a little rain, but less wind and finer night. Stars bright. —	47
Sunday, Octr 22.	29·92 ·77 ·72	SSE 2 S 5 S 3	39	48	55	Much cirri in collapsed sheets but a fine morng, more hazy & clouded after 9 a.m., windy day & cloudy more or less. — A severe driving storm of rain 8 pm. it came down in a perfect torrent for 10 minut. — Night afterwards fair & less wind. —	53
Monday, Octr 23.	·80 ·74 ·71	S 2 S 2 S 5	47	51	56	Clear early, but lowering at 8, with a little shower: cloudy with rain at times most of the day: but fine during night, and very mild with more wind chief of the night. —	54
						Great floods all the week past.	

October 1848.

1848.	Barometer	Wind.	Thermometer out doors lowest	8 a m	highest	The Weather & Clouds.	Thermom 8 pm
Tuesday. Oct. 24.	29·63 ·70 ·71	SW 3. SW 4. SW 1.	51	55	58	Fair & became a very bright, warm, and pleasant day, with light cumuli & brisk wind but after 3 pm very hazy & sun dim. — Hazy evening, and very mild. —	52
Wednesday Oct. 25.	·35 ·62 ·68	SE 4. S 5. SW 5. W 7. W 4.	48	55	58	Hard rain at 4 & 5 a m, stormy & warm morning, but lowering. A hard gale came on at 10 a m, continued till noon and, veering to West. Much colder but clouds higher, and a pleasant sunny afternoon with cumuli only, & less wind. A short storm of rain 5 pm. Evening chiefly fair.	49
Thursday. Oct. 26.	·98 30·02 ·01	SW 1. S 2. SE 1.	40	50	57	Very fine, bright, warm, and pleasant with light cirrostrati in South, and some rocky heads in SE, at 4 pm. Rather cloudy at sunset, but a clear evening. — Large Meteors fell to S. 8 pm. —	51
Friday. Oct. 27.	29·65 ·47 ·46 ·57	SE 3. SE 4. SW 3.	47	52	56	Cloudy, very lowering & mild followed by rain at 9 a m. which continued till 4 pm and mostly hard with a boisterous wind. afterwards cleared. New moon 3 a m. Evening clear and mild with wind. — Some meteors fell again this evening. —	52
Saturday Oct. 28.	·62 ·65 ·69	S 3. S 4. S 4.	48	52	56	Very stormy, squally & showery, with sun at times warm and cheering, and the showers but trifling: evening fair and clear, but rather windy, — and much distant lightning. —	48
Sunday. Oct. 29.	·64 ·65 ·65	S 3. S 2. S 0.	43	50	53	Very heavy rain between 3 & 10 a m, then clearer till noon, afterwards very hazy but fine. Close calm & hazy evening, and very mild. Heavy shower at 9 pm Night afterwards clear. —	48
Monday. Oct. 30.	·69 ·65 ·65	SE 1. SE ½. SE 0.	40	45	54	Chiefly clear in the morning, mist on the vales. Cloudy with sun in the day, and a little rain at times. Evening close and calm after a red sun-set. Night foggy. —	50
Tuesday. Oct. 31.	·71 ·69 ·71	N 0. N 0. Var. 0.	36	40	47	Thick fog all day without intermission and very little or no wind. Evening also foggy, & till midnight no change. —	42

Results for October 1848.

Barom.	Highest on 5th & 6th = 30·30 Lowest on 25th 29·35 range ·95 Mean of month 29·89	Therm.	Highest on 6th 73° Lowest on 31st 36 range 37 Mean of month 52·70 Mean daily range 10°58

Fine days 8 only: winds much divided; evaporation 1·54; rain 6·03 Inches!

The beginning of this month was hot, but from the 9th day, continual excessive rain, exceeding all on record in these Counties!

November 1848.

1848.	Barometer	Wind.	Thermometer out of doors lowest	8 a m	highest	The Weather & Clouds.	Thermom 8 pm
Wednesday, Nov. 1.	29·64 ·68 ·68	Var. 0. NW 1. NW 0.	42	46	53	Much rain from 4 till after 8 a m, afterwards cleared off slowly: about 9 a m. distant thunder in SW, became bright after 10, and continued fair and sunny, with raggy cumuli clouds. Evening cloudy & dark.	47
Thursday Nov. 2.	·79 ·82 ·85	W 1. W 1. W 1.	40	41	49	Very fine sunny morning, and continued fair, but the afternoon cloudy and dark. Evening in part cloudy, stars seen upwards. — Night fine. —	43
Friday, Nov. 3.	·72 ·63 ·57	SW 2. SW 2. W 1.	40	42	50	Fine with thin mixed clouds, and some sun: dappled & red west at ☉ set, and distant showers of sleet in the South. — Evening chiefly clear. —	40
Saturday Nov. 4.	·54 ·60 ·74 ·83	NW 2. NW 4 N 2.	38	40	42	Showers of rain & sleet at 2 a m, and frequent sleet and snow in the day, very heavy snow at 2 & 3 pm: sun at times, & squalls of wind before the snow storms began. Evening clearer & frosty.	33
Sunday, Nov. 5.	·78 ·72 ·68	NW 1. SW 3. SW 5.	28½	30	44	Clear & sharp frost early, fair with sun & hazy cirrostrati till noon, afterwards overcast and some light rain with squally wind & much milder all the evening. Night clear after 9 pm. —	44
Monday Nov. 6.	·68 ·67 ·60	SW 2. SW 3. W 5.	39	42	48	Cloudy more or less and very mild, little sun at times, but hazy and windy. Clearer evening, with light dappled clouds. — Night chiefly clear. —	45
Tuesday, Nov. 7.	·57 ·67 ·85	NW 2. NW 3. NW 2.	38	40	45	Very clear drying and pleasant, very few small clouds, rather more cloudy after 3 pm, but a clear evening, and beautiful concentric haloes round the moon, and pale Aurora Borealis. —	38
Wednesday Nov. 8.	30·02 ·10 ·15	NW 2. NW 2. NW 1.	32	34	45	Keen frost in the morning, and little showers of sleet till 9, afterwards a fine sunny day with cumuli clouds. Thin haze in the evening, but chiefly clear and white frost.	37
Thursday, Nov. 9.	·22 ·32 ·38	N 1. NE 1. 3. NE 1.	30	34	43	White frost & clear except distant rocky nimbi, flying storms of sleet & hail with squalls of wind during the storms at other times calm & bright; and the evening clear & frosty with distant nimbi.	35
Friday. Nov. 10.	·41 ·41 ·43	N 1. N 1. N 2.	32	35	47	Fair clear and frosty with light cumuli and white elliptical cirrostrati. Slight showers passing at a little distance. Evening clear, moon very bright. Night more hazy & cloudy. —	38
Saturday, Nov. 11.	·41 ·38 ·37	N 2. N 3. N 2.	34	39	47	Cloudy with some sun at times, much low clouds, and a very little wetting a few times. Evening very hazy and, some little drizzle. Full moon 1½ a m.	43

November 1848.

1848.	Barometer	Wind	Thermometer out doors lowest	8 am	highest	The Weather & Clouds	Therm. 8 pm
Sunday, Novr. 12.	30·40 ·48 ·50	N 1. N 1. NW 1.	40	44	48	Cloudy and drizzly morning; clearer and fine after 10 am; more or less cloudy the rest of the day. Foggy in the night and moon visible.	42
Monday Novr. 13.	·48 ·45 ·40	NW 1. NW 2. NW 1.	38	41	47	Very foggy all the forenoon, but a fair and sunny afternoon. Very red streaked sky at and after sun set. Eveng rather hazy. Fine night, & slight Aurora.	38
Tuesday Novr. 14.	·31 ·34 ·35	NW 2. NW 2 NW 1.	36	40	46	Light clouds and sun, with a brisk chilly wind: very fine drying day.— Clear eveng, and large meteor passing to South.	38
Wednesday, Novr. 15.	·48 ·48 ·49	NW 2. NW 2 NW 2.	35	37	43	Very fine and chiefly sunny with thin grey clouds, and a very keen wind.— Bright and frosty evening, and night but hazy towards morng.—	34
Thursday Novr. 16.	·33 ·32 ·30	NW 1. WNW 1 W 1.	31	35	44	Frosty morng, very fine and pleasant day light clouds and sun, but a keen wind. Evening cloudy and milder, with a gentle breeze.—	40
Friday, Novr. 17.	·05 29·90 ·88	W 4. W 3. W 2.	40	43	50	Cloudy more or less, windy and mild, with a few drops of rain. milder and finer afternoon, eveng less windy, partly cloudy, and brilliant Aurora Borealis, in splendid yellow columns across, a deep red Arc, extremely vivid and intense, and yielding an unusual light all night.	46
Saturday Novr. 18.	·72 ·63 ·56	NW 3. WNW 2. W 3.	43	45	49	Hazy with grey clouds & cirrostrati, but sun at times, and very fine drying day. Clear night and rather frosty towards morning.—	42
Sunday, Novr. 19.	·73 30·02 ·14	NW 2. NW 2. NW 1.	34	35	45	Clear, little frost, a very fine bright and lovely day, with a fresh breeze; Eveng clear, and frosty, wind less, and sometimes none.—	33
Monday Novr. 20.	29·95 ·79 ·71 ·67	SSW 3. SW 5. SW 6.	33	44	54	Cloudy & mild— windy & squally sky, increasing warmth, & continued cloudy & blustering. Darker sky after 4 pm and more windy, but very mild. Stormy night & sudden showers, but the wind abated at 2½ am of 21st.	51
Tuesday Novr. 21.	·72 ·78 ·79	SW 3. SW 3. SW 2. & 4.	42	44	52	Clear, very fine and bright all day with a fresh breeze: evening clear and more wind again after 8, soon become a cloudy night.—	42
Wednesday Novr. 22.	·61 ·43 ·37	SSE 3. SSE 4 SSE 4.	39	45	57	Cloudy and windy, little shower early but the day fine wind & mild, with much undulated & mixed cloud. Some sun at times.— Evening more or less cloudy, some stars seen upward.	47
Thursday Novr. 23.	29·32 ·32 ·38	SE 1. SE 1. SE 1.	43	46	50	Gentle rain between 3 and 8 am, close and cloudy forenoon, fine sunny afternoon, with electric dappled clouds, and very little wind: mild and very pleasant. Eveng chiefly clear star-light.—	43?
Friday, Novr. 24.	·74 ·89 30·02	NW 2. NW 2. NW 1.	42	42	44	Overcast & rain in the morng, foggy till near noon, afterwards fair and bright with small clouds. Eveng cold & clear,— Aurora bright in the North.—	34
Saturday Novr. 25.	30·18 ·15 ·09	SSE 1 S 1. S 3.	29	31	43	Sharp white frost, clear morng, soon very hazy, & became quite overcast and thick. Eveng dark & windy with a little rain at times during night.— New moon 9½ pm. much milder in the night.	43
Sunday, Novr. 26.	29·95 ·96 ·93	SW 1. SW 2. SW 2.	43	50	53½	Cloudy and very mild, great & sudden changes. became bright at noon, with thin flying clouds. Cloudy and close evening.— Rainy night from 9½ pm.—	48
Monday, Novr. 27.	·83 30·01 ·12	SW 1. NW 1. NW 1.	45	46	51	Rainy and close morng; but cleared after 9 am, and wind veered: very fine and sunny afternoon, thin lofty clouds and but little wind.	47
Tuesday, Novr. 28.	·14 ·13 ·03	SW 3. SW 3. SW 3. 5–6.	43	46	51	Very fine with grey clouds, and sun brisk drying wind, mild and pleasant. long cirrostrati at sun-set, and fine eveng, with brisk wind, and strong in the night.	47
Wednesday Novr. 29.	29·94 30·02 29·90	SW 5. SW 3. SW 4. & 5.	46	54	57	Strong gale early but abated at day-light. dark raggy clouds but very fine all day, brisk wind and very warm: brighter afternoon but a dark lowering eveng,— with more wind again.	53
Thursday Novr. 30.	·88 ·95 ·95	W 3. W 3. W 2.	41	43	47	Rain very early A.M, but a clear morning after dawn. Fine sunny forenoon hazy afternoon, & cloudy evening	42

Results for November 1848.

Barom.	Highest on 12th	30·50	Therm. Highest on 29th	57°
	Lowest on 23d	29·32	Lowest on 5th	28½
	range	1·18	range	28½
	Mean of month	29·96	Mean of month	42·91
			Mean daily range	10°

Fine days 20, winds NW & SW, rain 1·57 inch, evaporation 1·11 Inch.—

This was a fine seasonable month, with some gentle frosts, and but little rain.—

December 1848.

1848.	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 p.m.
Friday, Decr. 1.	29·77 ·70 ·62	S E. 0 Var. 0. W. 1. S 4. 6.	34	36	45 to 47	Overcast and rainy till 1 pm, afterwards clearer and fine, sun at times; cloudy even^g, and more wind rising all night with short storms of rain about midnight.	41
Saturday, Decr. 2.	·42 ·42 ·51	SW 5. WSW 4 SW 5.	37	40	44	Chiefly clear with light hazy clouds, and bleak wind, increasing much towards night. Squally and hazy evening, moon dim. — Galy night but fine. —	38
Sunday, Decr. 3.	·81 ·80 ·77	SW 1. SW 2. SW 4. 5. 6.	33	33	41	Clear and cold morn^g, continued very clear till noon, afterwards hazy: thick and dark blue haze from 3 pm: and a cloudy evening, much milder, and very windy.	41
Monday, Decr. 4.	·45 ·21 ·28	S 5. S 5. SW 1.	40	49	52	Very mild morn^g, a blowing day till 3 pm — & cloudy but fine till then. — A hasty squall & shower at 3, after clearer, and wind fell away.	43
Tuesday, Decr. 5.	·02 ·17 ·30	SW 5 SW 5. SW 2.	40	42	47	Hasty squall of rain & hail 6 am, blowing day, but fine and clear, except a few thin clouds; less wind in the even^g, but the night squally, yet often clear. —	40
Wednesday, Decr. 6.	·38 ·27 ·25	SW 3. SW 4. SW 5.	39	43	48	Clear at times with light flying clouds at other times hazy. More cloudy after 3 pm, a hasty storm of rain at 4½ pm, afterwards clear & windy. —	44
Thursday, Decr. 7.	·69 ·60 ·74	S E 3. S 3. SW 4.	39	43	55	Overcast, rainy till noon; afterwards more fair, with sun & wind, some hazy cirrostrati. Evening stormy with short showers, and very mild atmosphere. —	52
Friday, Decr. 8.	·85 30·00 ·10	SW 3. SW 3. SW 3.	52	54	58	Very mild & squally morn^g, chiefly fine in the day, with flying clouds, and very warm. Evening the same, but a flying shower 7½ pm. —	55
Saturday, Decr. 9.	·22 ·23 ·30	SW 2. SW 2. SW 1.	49	52	57	Exceedingly fine, bright, mild, and pleasant, only a few linear cirri. — Even^g bright moon-light, and still very mild. —	52
Sunday, Decr. 10. Full moon 11 a.m.	·39 ·32 ·27	SW 2. SW 2. Var. 0.	46	47	54	Clear with red streaked sky in the morn^g; a very fine, bright, and mild day, with gentle wind and light beds of cirri. — Even^g very bright moon.	44
Monday, Decr. 11.	·22 ·23 ·26	SW 2. SW 1. SW 1.	39	42	52	Exceedingly fine, bright and pleasant, with light cirri, and thin mottled cirrostrati. Even^g more hazy and very streaked clouds diverging from SW. —	50

December 1848.

1848.	Barometer	Wind.	Thermometer out-doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 p.m.
Tuesday, Decr. 12.	30·27 ·26 ·22	SW 1. SW 2. SW 1.	46	49	54	Very cloudy and foggy all the forenoon, clearer afternoon, but still cloudy; very mild and close day, and the evening the same. —	50
Wednesday, Decr. 13.	·12 ·14 ·13	SSW 2. SW 2. SW 1.	46	50	56	Exceedingly fine, bright, warm, and pleasant, with a few very small dapple clouds: unusually fine & summer-like weather. Some knotty electrical beds of cloud during even^g.	47
Thursday, Decr. 14.	·00 29·88 ·90	S E 3. S E 3. S 3.	44	46	49	Very foggy & thick in the morn^g, but became clearer at 11 am, fine afternoon, sun & low clouds. — Even^g cloudy, little rain, and more wind. Night fine & clear at times. —	45
Friday, Decr. 15.	30·02 29·80 ·82	S 3. S 3. 4. S 2.	43	48	52	Hazy with much low raggy clouds, and some rain at times. Dark and windy towards even^g, and milder all the evening than before. —	52
Saturday, Decr. 16.	·94 ·92 ·90	N E 1. N E 1. N E 1.	45	46	46	Very dark and overcast, rainy and unpleasant all day. Rain much increased in the evening, — and continued most of the night. —	40
Sunday, Decr. 17.	·97 30·02 ·09	N E 1. N E 1 E 1.	38	40	43	Floods in the vales: fine clear morn^g. and continued fine & clear chiefly all day with very little wind. — Some clouds at sunset; and the night chiefly cloudy. —	40
Monday, Decr. 18.	·01 29·95 ·90	S E 1. S E 2. S E 2.	39	41	48	Fine and sunny forenoon, more hazy and cloudy after 2 pm, and a lowering even^g, but again much milder. — Fine night, and at times clearer. —	48
Tuesday Decr. 19.	·98 30·03 ·12	E 1. E 1. S E 1.	41	43	48	Very fine, with light and thin clouds, sun between, and very little or no wind; — but suddenly windy after 8 pm and a windy & cloudy night.	43
Wednesday Decr. 20.	·35 ·39 ·42	E 4. E 4. E 3.	35	35	37	A dry cold wind, and much cloud, fine day, but colder as day opened, sharp wind, and the evening clear and hard frost. Clear and freezing night.	31
Thursday, Decr. 21.	·48 ·49 ·48	E 3. E 3. E 2.	28	29	35	Quite clear & sharp wind frost all day. Evening the same, but wind rather less. Night clear and frost continued. —	30
Friday, Decr. 22.	·48 ·48 ·48	E 2. E 3. E 3.	27	28	37	Quite clear all day, hard frost, and a keen wind. — More wind in the even^g, continued frost and clear. — Night at times cloudy. —	30
Saturday Decr. 23.	·49 ·39 ·37	E 3. E 4. E 3.	29	30	35	Clouds flying, sun at times, and keen blustering wind: frost gentle but continued; and roads dusty. — Very fine cheerful & bracing weather.	33

December 1848.

1848	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm.
Sunday, Decr. 24.	30·22 ·13 ·03	E 2. ESE, ESE 4	28	30	37	Very fine with keen wind frost, and chiefly sunny with light clouds, & rather curdled. — Cloudy & windy evening, milder & a little downfall. A little rain during night. —	35
Monday, Decr. 25.	·00 ·09 ·11	S E 1. S E 2. S E 1.	34	37	42	Foggy & little rain but soon fine, but quite cloudy all day, and frost gone. New Moon 4¼ pm. Eveng dark and quite clouded, growing milder all night.	40
Tuesday, Decr. 26.	·18 ·09 ·08	S E 3. S E 4 SSE 4.	40	42	46	Overcast very dark and foggy, little rain at times, wind increasing and much milder. Night more or less clouded over and very mild.	46
Wednesday, Decr. 27.	·05 ·14 ·20	SW 2. SW 1. W 0.	43	43	49	Very fine, and chiefly bright, with a thin haze and light cirri. — Towards eveng much ribbed cirrostrati, and a close and calm eveng. chiefly cloudy. — rain at times during the night.	43
Thursday, Decr. 28.	·10 ·14 ·22	N E 1. N E 2. N E 2.	39	40	43	Some rain early, but fine after 6 a.m. — became clear after 10 — chiefly bright and light flying clouds. Evening sometimes clear, and sometimes clouded.	39
Friday, Decr. 29.	·26 ·24 ·24	N 1. N 1. N 1.	39	41	43	Cloudy with sun at times, fine calm and mild for the season. Evening at times clear, and the night chiefly so, and rather frosty. —	39
Saturday, Decr. 30.	·20 ·18 ·20	N 1. N 1. N E 1.	33	35	38	Overcast, damp, raw, and chilly all day very unpleasant and gloomy, with a little wet at times.	34
Sunday, Decr. 31.	·22 ·27 ·27	N E 1. E 1. S E 1.	33	35	40	Overcast, very foggy, dark, and cold, with rain at times, rather more wind in the eveng, and returned to NE. Cloudy night, but clearing. —	34

Results for December 1848.

Barom.	Highest on 21st to 23rd	30·49	Thermom.	Highest on 8th	58°
	Lowest on 5th —	29·02		Lowest 22nd —	27
	range —	1·47		range —	31
	Mean of month —	30·01		Mean of month	42·43
				Mean daily range —	7·25

Principal wind SW. Fine days 19. Rain 1·93 Inches, Evaporation ·87 of an Inch. —

This month was very mild except from 20th to 25th, and many little flowers continued in full bloom.

Summary Results for the Year of our Lord 1848.

Monthly division of winds.										General Results.				
1848.	E	W	N	S	NE	SE	NW	SW.	Prevailing winds	fine days	rain	Evaporation	Mean Pressure	Mean Temperature
Jany	4	2	2	2	8	8	5	0	NE to SE.	19	·47	·80	30·005	33°·98
Feby.	0	6½	1	3	1	0	3½	14	SW. & W.	12	3·22	1·36	29·68	43·42.
March	2	4	2	1½	1	7	5	8½	SW = SE.	14	3·50	2·04	29·52	43·89.
April	0	4½	3	2½	6	6½	5½	2	SE. NE. NW.	13	3·19	2·73	29·80	49·08.
May	6	3	0	2	3	12	2	3	SE to E.	28	·82	5·63	30·16.	60·88.
June	4	5½	2½	2	1	2	1	12	SW.	15	3·84	4·10	29·88.	61·28.
July	2½	5	0	2	2½	3	4½	11½	SW.	24	1·87	4·78	30·07	63·66.
Augt	5	8	0	2	1	2½	2	10½	SW & W.	13	3·47	3·06	29·95	60·56.
Sept	5	5½	0	2	2	6½	6	3	Divided.	23	4·37	3·22	30·07	58·79.
Oct	0	1½	3	6½	5½	6½	1	7	Divided.	8	6·03	1·54	29·89.	52·70.
Nov	0	4	3	1	1	2	11	8	NW = SW.	20	1·57	1·11	29·96	42·91.
Dec	6	0	2	4	3	5	0	11	SW. E. & SE.	19	1·93	·87	30·01	42·43
1848.	34½	49½	18½	30½	35	61	46½	90½	SW. SE. & W.	208	34·28.	31·24	29·91	51·13

The highest states of Barometer occurred on July 12th 30·59, and September 16th 30·52. —

The lowest on February 26th 28·66, & March 12th 28·74.

The coldest time was January 28th. Thermom. 15°, and the hottest July 6th. Thermometer 87°, but on the 7th and 14th it was very nearly as hot. The heat was also nearly as great on the 12th 13th & 16th of May, and 5th of September. —

General observations on the year of our Lord 1848.

This year was most remarkable for the under-named peculiarities.—

1. A long course of rainy weather from Feby 5th to April 28th with little intermission.
2. – A very hot and parching month of May.—
3. – Great heat and violent thunder-storms in July.
4. – A wet and gloomy August.
5. – An excessive flooding rain September 24th followed by continued heavy rains to the end of October.
6. – A very mild time with bright skies in Novr and Decr.—
7. – A splendid display of Aurora Borealis Novr 17th.

Orlando Whistlecraft

January 1849.

1849.	Barometer	Wind.	Thermometer out of doors: lowest	8 am	highest	The Weather & Clouds.—	Thermomr 8 pm.
Monday, Jany 1.	30·28 ·30 ·30	E 3. E 4. E 5.	30	30	32	Cloudy with sharp freezing wind all day. a very few flakes of sleety snow. Clearer during night and the frost sharper.	30
Tuesday Jany 2.	·25 ·25 ·12	E 2. ESE 3 E 3.	24	24	32	Clear, and very sharp dry frost, keen wind, frost all day, and sun bright: a few small flying clouds at times: Clear eveng except cirri in an upper current from West.—	27
Wednesday, Jany 3.	29·87 ·83 ·83	SE 1. SE 1. E 1.	24	25	32	Sharp frost and very fine and bright fore-noon, but rather more cloudy after 1 pm. Clear at sun-set, but cloudy afterwards.– Night again clear after 10 pm.—	28
Thursday Jany 4.	·91 ·93 ·93	NE 0. E 2. E 1.	23	23	35	Clear, and very sharp hoar frost, continued bright most of the day, but arcs of mottled cirrostratus rose in SW in the afternoon; Hazy evening, and night.—	31
Friday, Jany 5.	·88 ·90 ·94	E 1. E 1. E 0.	30	32	37	Cloudy with gentle snow at times, and no frost after 9 a m.: continued cloudy and thick: cleared after 9 pm. and sharper frost again – after midnight.	34
Saturday Jany 6.	30·12 ·11 ·11	NE 0. NE 0. NE 0.	22	23	38	Very sharp frost all the morng, hazy in the day, with thin clouds, and sun, quite calm all day. Eveng also hazy & curdled, calm and gentle frost.—	33
Sunday, Jany 7.	·08 ·08 ·04	NW 0. NW 0. Var 0.	27	28	34	Continued frost, and very fine but hazy, more or less.– Clearer at sunset afterwards very hazy, and thaw began in the night with rain.—	30
Monday, Jany 8.	29·74 ·73 ·71	SE 3. SE 3. SE 4.	34	36	38	Overcast and rain at times; gentle thaw all day, and more wind at evening. Full moon 10½ pm.– Rainy night, and snow at times also.—	35
Tuesday, Jany 9.	·50 ·56 ·56	SSE 4. SW 4. W 2. SE 0.	34	37	43	Hard rain at 4 am, wd then veered and it became fair, very fine sunny day, gentle wind, and mild air: close calm, and hazy evening. Rain during night.	37
Wednesday Jany 10.	·17 ·04 ·04	WSW 4. WSW 6. W 6. 57.	38	42	47	Rain early, stormy and windy all day. but mild with sun at times, many mixed clouds, some dark and low.– Eveng very windy, and hard gales all the night.	45
Thursday Jany 11.	·11 ·24 ·76	NW 6. NNW 6 N 6.	38	39	39	Hard gales all the morng, and very boisterous all day, sleet at times and very cold more so after 10 am, dark, windy and piercing, but abated to gentler wind.—	31
Friday, Jany 12.	30·12 ·22 ·04	SE 0. S 4. SSW 5.	31	32	35	Hard frost and calm but hazy, more wind after 1 pm, cloudy & windy eveng, a little sleety rain after 6 pm; rainy night and much milder.—	34
Saturday Jany 13.	29·75 ·72 ·68	SW 3. SW 3. SW 4.	34	42	52	Very mild and rainy morng till 11, afterwards fine, clearer and very mild. windy and warm evening also.— Stormy rain during night.—	51

January 1849.

1849.	Barometer	Wind	Thermometer out doors: lowest	8 a.m.	highest	The Weather & Clouds.	Thermomr 8 pm.
Sunday, Jany 14.	29·52 ·38 ·78	SW 7. W 7. WNW 5.	49	53	56	Strong wind and exceedingly mild with flying rain at times; at 2pm a very violent driving storm of rain hail, and wind, afterwards colder; the wind then veering. Some thunder at a little distance Northward during the storm. Clear evening, less wind.	41
Monday, Jany 15.	30·05 ·04 ·02	W 3. W 4. W 2.	37	38	45	Clear morng & chiefly so till noon, afterwards hazy with ribbed cirrostratus, and dappled light clouds: Evening and night hazy more or less, and less wind.	40
Tuesday Jany 16.	·05 29·91 ·85	SSE 1. SSW 3. SSW 2.	32	33	48	Fog & little hoar frost, became cloudy after 10 & less fog - more wind & little wet 2pm, cloudy & foggy followed by rain in the eveng,	45
Wednesday, Jany 17.	·78 ·80 ·95	SW 3. SW 4. W 2.	47	50	54	Very mild with flying clouds, and some rain at times; eveng at times clearer, but very mild. Night chiefly clear and colder. —	47
Thursday, Jany 18.	30·10 29·99 ·97	SW 2. SW 5. SW 6.	35	38	50	Cold & foggy morng, but soon clearer, and mild again: some sun, mixed clouds and squalls of wind; mild all night and less wind after 10pm.	49
Friday, Jany 19.	30·02 ·02 ·02	SW 3 SW 2. SW 1.	45	48	52	Electric, streaked, & dappled upward, flying clouds below and very mild, bright and cheering afternoon, many cirri upward: lovely eveng, chiefly clear, yet very mild.	47
Saturday Jany 20.	·23 ·25 ·36	SSW 1. S 0. SW 0.	46	49	52	Calm, mild and pleasant, electric and dappled sky, and bright sun in the afternoon. Eveng close and calm, very mild and somewhat foggy. —	44
Sunday Jany 21.	·30 ·15 ·11	S 4. SW 4. SW 5.	42	45	51	More wind, light clouds & haze, but mild: hazy evening, mild and windy; stormy night, some short and hasty showers with squally wind.	50
Monday, Jany 22	29·98 30·16 ·19 ·17	W 4. W 5. W 6.	42	43	47	Clear, very drying wind, and bright sun; Evening and night also clear, and very windy, but not cold for the season. —	42
Tuesday, Jany 23.	·28 ·34 ·40	W 6. W 5. W 5.	40	43	52	Rather hazy but soon clear, and very windy and drying day, sun very bright after 11, and till 2pm, afterwards rather cloudy, and a red evening. —	47
Wednesday, Jany 24	·37 ·29 ·22	W 4. W 5. W 7.	43	45	51	Very fine, but the wind continually blustering, with grey and coppery clouds, New moon 10 a m; eveng and night cloudy, and very strong wind all night.	47
Thursday, Jany 25.	·11 ·07 ·02	W 7. W 7. W 6.	46	47	52	Cloudy and mild, but continual strong wind unusually parching. The roads dusty and lands dry on the surface. Wind less with a little rain in the night. —	49

January 1849.

1849	Barometer	Wind	Thermometer out of doors: lowest	8 a.m.	highest	The Weather & Clouds.	Thermomr 8 pm.
Friday Jany 26.	29·87 ·87 ·93	W 3. WNW 5 W 2.	44	45	48	Squalls of wind and rain early in the morng, fine clear & less wind after 7, very bright with flying cumuli clouds; and more wind after 12; clear yellow sun-set & clear eveng.	40.
Saturday Jany 27.	30·05 29·94 ·74	SE 0. SE 1. S 4.	34	35	43	Clear and calm morng, but gradually hazy after 10 a m, very hazy afternoon, and the eveng clouded & windy, followed by hard rain most of the night. —	41
Sunday, Jany 28.	·37 ·39 ·39	NW 2 NW 2 W 3.	38	41	44	Rain early, wind veered & finer at sun-rise, fine and bright day, cumuli clouds, and keener wind. Stormy with snow and rain during the night. —	37
Monday, Jany 29.	·58 ·74 30·04	N 2. N 2. N 2.	33	35	43	Bright at times with dark raggy clouds, and some showers of sleet and hail at other times: little frost during night but chiefly hazy.	37
Tuesday Jany 30.	·25 ·09 ·00	SSE 1. S 2. SW 4.	33	34	46	Red and hazy morng; more hazy at noon and some snow at 1 & 2pm, afterwards thick light rain, and more wind; much milder after 8pm than in the day. —	41
Wednesday, Jany 31.	·17 ·22 ·25	W 2. WNW 3 NW 2	35	36	46	Clear except cirri in plane lines, a very bright day, with a brisk drying wind; Clear moonlight evening. —	39

Results for January 1849.

Prevailing winds W & SW.

Rain — 1·95 Inches.
Evaporation 1·17 Inches.
Fine days — 22. —

Highest Thermometer on 14th —	56°
Lowest on 6th morng —	22°
range —	34
Mean of month —	40·06
Mean Daily range —	8·51
Highest Barometer on 23rd	30·40.
Lowest — on 10th —	29·04
range	1·36
Mean of month —	29·93

Saw a large wasp in full vigour on 13th.

Snow-drop & Aconite blooming from the 9th day! — Primroses also open all this winter in the garden, and in the rural walks this month. —
The March Crocus — yellow & blue, and the daffodil all beginning to open blossom since the 23rd. —
The Thrush very tuneful of late.

February 1849.

1849.	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Thursday, Feby 1.	30.35 .36 .38	NW 1 NW 1 Var. 0	32	33	43	Hoar frost early: very fine but hazy, sun shining but dimly, and very little wind; more hazy after 2 pm, but fine. Calm and hazy eveng: close night.	37
Friday, Feby 2.	.40 .38 .43	SE 0 SE 0 SSW 1	36	42	50	Very foggy morng, and more or less so all day, but very mild after noon, and no wind. After 4 pm, a very little wind from SSW. Evening very foggy & mild. —	46
Saturday, Feby 3.	.48 .47 .48	S 1 SW 1 W 1	42	45	57	Mild and foggy morng, clearer in the day, much less fog, but cloudy more or less, close evening but not foggy. —	46
Sunday, Feby 4.	.49 .48 .48	SW 2 WSW 2 WSW 2	45	46	54	Very fine & mild with red clouds at sun-rise, clouds & sun in the day, gentle wind, very mild and pleasant. Skylark soaring. Warm & cloudy night.	48
Monday, Feby 5.	.53 .52 .52	W 1 W 2 W 0	45	48	54	Exceedingly fine mild and pleasant, with sun, and light clouds. — Calm, cloudy and very warm evening; — and the night the same. —	49
Tuesday, Feby 6.	.51 .47 .46	NW 1 W 1 W 1	45	47	51	Very fine, cloudy, mild, and still weather; evening and night the same. Remarkably fine and drying weather.	47
Wednesday, Feby 7.	.51 .49 .45	W 2 SW 2 SW 2	42	44	47	Cloudy, but very fine — Full moon 11 am, continued fine, cloudy, and a little more wind. — Evening and night nearly the same.	44
Thursday, Feby 8.	.23 .14 .21	SW 3 SW 4 NW 3	40	42	53	Very fine, and chiefly bright till 2 pm with a brisk and parching wind; more clouded after 2 pm: rain after 5 pm, and a hasty storm at 6. Night clear.	47
Friday, Feby 9.	.51 .50 .47	W 2 W 2 W 2	38	40	48	Fine, with flying clouds and sun, a cool breeze, but milder after noon. evening rather showery and gloomy, but a fine night and clearer. —	43
Saturday, Feby 10.	.39 .45 .53	W 3 W 2 W 1	42	45	55	Very fine with light clouds, bright and very warm afternoon, thin clouds, and dry breeze. Eveng mild and pleasant, but more cloudy. —	46
Sunday, Feby 11.	.81 .85 .90	NW 2 NW 1 NW 0	37	40	49	Exceedingly fine, bright and pleasant with a few very small clouds, & but little wind. Clear and calm eveng, rather frosty night.	39
Monday, Feby 12.	.82 .82 .69	NW 0 NW 0 Var 0	32	33	48	Clear and hoar frost, quite clear all day, very warm sun, keen air in shade. Clear and frosty evening and night.	37
Tuesday, Feby 13.	.60 .57 .63	Var. 0 SW 1 Var. 0	30	32	48	Very white frost, fine and sunny day more hazy and electric in the afternoon, and a beautiful sun-set. Small electric mottled red clouds clouds in groups about West. Cloudy eveng.	43

February 1849.

1849.	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Wednesday, Feby 14.	30.72 .63 .57	SW 1 SW 2 SW 4	33	35	52	Little frost, very fine and sunny with gentle wind, and light cirri clouds; evening red and hazy, and at 8 pm windy & cloudy. Mild and cloudy night.	45
Thursday, Feby 15.	.50 .56 .56	W 3 W 2 W 0	43	46	56	Exceedingly fine with light serrated cirrostrati, brilliant sun, and a fresh drying breeze; Eveng chiefly clear, except streaky haze, but after 10 pm, clear & colder. —	46
Friday, Feby 16.	.56 .53 .52	NW 0 W 1 W 0	36	39	50	Quite clear, in the morng, and the day chiefly so but hazy in the afternoon. Very red undulated sky at sunset. Clear night.	42
Saturday, Feby 17.	.60 .59 .59	NW 1 NW 1 Var. 0	36	41	52	Quite clear, and a splendid day, no clouds, and very warm sun-shine, evening and night also clear; a little wind arose after 10 pm, and a few hazy clouds. —	41
Sunday, Feby 18.	.48 .42 .40	W 3 W 3 W 3	37	42	52	Hazy with light clouds, and sun; very fine but more windy, and the afternoon more clouded. Cloudy and windy all the night, and very mild.	47
Monday, Feby 19.	.22 .14 29.98	WSW 4 WSW 7 W 6	44	45	51	Windy and cloudy, little sun at times, but more windy after 12. very boisterous, and rough day, but abated in the evening, and at times clearer sky. —	51
Tuesday, Feby 20.	.94 .80 .63	W 2 W 1 N 1	40	43	48	Cloudy all the forenoon, rainy after 1 pm, and most of the afternoon, but a fine night, and became clear and frosty during the latter part of night.	40
Wednesday, Feby 21.	30.03 .04 29.90	NW 2 NW 2 SW 3	34	35	47	Fine, and sunny with much undulated and ribbed cloud till after 1 pm, afterwards cloudy and a little rain in the evening. —	43
Thursday, Feby 22.	.76 .70 .75	W 5 W 5 W 4	42	52	56	Very mild with flying clouds & sun during the forenoon, driving storm of rain, at 2½ pm, & stormy afternoon. Fine night and chiefly clear, with Aurora visible.	44
Friday, Feby 23.	.98 30.05 .01	W 2 W 2 W 0	39	43	49	Bright sun & rocky cumuli, very fine drying day, hazy and cloudy evening and night, and more wind after midnight, but still fine. New moon 1½ am. —	43
Saturday, Feby 24.	29.72 .72 .75	W 3 W 1 W 0	38	42	47	Stormy till noon, some rain & squalls, fine afternoon, mixed clouds, and much streaky vapour as if falling sleet at a distance. Cloudy night.	38
Sunday, Feby 25.	.62 .50 .49	SE 1 SE 1 SE 1	36	38	47	Cloudy & showery with black nimbi, and sun at times, very electric & dappled sky at 3 & 4 pm, and very distant thunder in SW, bright sun here & no wind. Cloudy night & much lightning.	42
Monday, Feby 26.	.51 .67 .88	N 3 N 2 N 2	37	39	46	Cloudy & some rain in the morng, but soon fair & sunny with rocky clouds: Showers of sleet at 6½ pm, afterwards clear and frosty evening.	36

February 1849.

1849.	Barometer	Wind.	Thermometer out doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Tuesday, Feby. 27.	30·10 ·15 ·14	Var. 0 S E 2. S 2. S E 1.	30	32	48	Very white frost early, fine sunny, and warm day, with cirri and cumuli; even^g clear and Aurora in North in red & yellow beams; moon encircled by a beautiful tinted Corona. —	37
Wednesday, Feby. 28.	29·70 ·47 ·39 ·34	S 6. SSW 7 SW 7. NW 1	36	42	49	Strong gale, dark clouds, & rain at times; rain harder after 3 pm, and very boisterous gale till 5 pm, afterwards no wind, but veered to NW, and heavy snow all the even^g after 6, and most of the night.	36

Results for February 1849.

Barom^r	Highest on 11th —	30·90 !!	Thermom^r	Highest on 15th & 22nd	56
	Lowest on 28th —	29·34		Lowest on 13th & 27th	30
	range	1·56		range	26
	Mean of Month	30·269 !		Mean of month	44·03
				Mean daily range	11·92

Number of fine days 20. Prevailing winds W; NW, and SW. —
Depth of rain 1·29; and of Evaporation 1·63 Inches.

This month to the 20th day was remarkably dry, fine, & pleasant, with an unusual high state of Barometer, it having been twice only so high in the last 60 years! — The whole month was very mild and all little Spring flowers opened blossom, even the North banks had primroses full blossomed. — A fine seed-time. Half the rain of this month fell on 28th day.

March 1849.

1849.	Barometer	Wind.	Thermometer out doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Thursday March 1.	29·32 ·81 ·99	NW 6. NW 3 W 1.	31	35	44	Snow sleet & rain in the morn^g, with squalls of wind; and very stormy till noon; afterwards fine, sunny & wind fell away. Fine evening hazy and milder after 8 pm. —	39
Friday, March 2.	30·12 ·18 ·27	W 3. W 4. W 1.	39	43	52	Fair and brisk wind, cumuli clouds, and sun, much milder again. Calmer even^g and very mild with light clouds. —	45
Saturday, March 3.	·42 ·47 ·50	W 1 SW 2. SW 0.	39	43	51	Very fine with grey clouds and sun, gentle breeze, and not cold; evening calm, fleecy clouds, & bright moon. —	45
Sunday, March 4.	·52 ·52 ·51	SW 1. SW 2. SW 0.	41	45	57	Calm & cloudy morn^g, became quite clear at 10. a beautiful bright & warm day a few small clouds, and some electric haze at times. Evening quite clear, moon very bright. —	46

March 1849.

1849	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Monday. March 5.	30·50 ·52 ·60	W 2. W 2. W 0.	40	43	56	Very fine with lofty grey clouds and sun, fresh breeze, and mild-drying day; close even^g, little wetting 6 pm, but moon afterwards bright, and the night clear. —	49
Tuesday, March 6.	·67 ·53 ·40	W 1 W 2. SW 2/4.	35	40	55	Very fine and chiefly bright, with cirri, and thin haze at times; very red streaked sky at sun-set, and a windy night	47
Wednesday March 7.	·08 29·97 ·92	SW 5. W 6. W 3.	41	44	55	Windy with sun, and light clouds; more wind and more cloudy after 11 a.m, but fine. Driving storm of rain 6 pm, night finer & wind less.	46
Thursday, March 8.	·90 ·87 ·90	W 3. NW 3 NW 2.	39	40	46	Chiefly sun in the morn^g, afterwards frequent storms of hail and snow, with thunder at a short distance at 1 pm, other storms of sleet after 2, but a finer even^g	38
Friday. March 9.	·92 ·95 ·97	NW 2. NW 2. NW 3.	28	30	42	Sharp wind frost, and very bright morning; bright all day, a few small cumuli, and sharp wind: — Full moon 1 a.m. Storms of snow after 7 pm, & squally wind. —	33
Saturday, March 10.	30·30 ·39 ·43	NW 1 NW 2 N 1.	29	34	44	Frosty with hail at times, and intervals of sun-shine; evening hazy and red, and rather hazy all night, with much less frost. —	33
Sunday. March 11.	·45 ·41 ·30	W 2. W 4. W 3.	31	35	44	Rather cloudy & hazy, with some sun; more wind after 1 pm, and colder to the sense. — Cloudy night, gentle breeze and milder after 9 pm. —	37
Monday, March 12.	·13 ·18 ·23	W 2. NW 0 Var. 0.	37	47	57	Cloudy with sun, mild and pleasant, and more so after 2 pm, wind calm, and a very soft and close atmosphere; even^g also cloudy, close and calm. —	50
Tuesday, March 13.	·05 ·15 ·32	NW 5. N 3. N 0	45	48	57	Windy with cumuli & sun but warm till after 12, then a heavy cloud from North, afterwards colder but still fair. Therm^r fell from 57° to 48° by 3 pm. — Fair & calm even^g.	41
Wednesday March 14.	·37 ·35 ·32	NW 1 NW 1. Var 0	37	39	46	Cloudy & hazy more or, but fine, with a gentle wind. Evening quite clouded, and no wind: inclined to be foggy all the night.	43
Thursday March 15.	·37 ·35 ·36	S E ½ NW 1 NW 0.	41	43	54	Foggy & little misling in the forenoon, very fine & warm afternoon, but mostly cloudy. Very mild, calm, and pleasant evening.	51
Friday. March 16.	·38 ·38 ·40	NW 1 NW 0 NW 0.	46	48	57	Cloudy & misling morn^g, but mild. Very fine & warm afternoon, sun at times; evening cloudy, calm & mild, but clearer in the night. —	50
Saturday March 17th.	·40 ·32 ·31	Var. 0. SW 1. S E 1.	40	46	60	Exceedingly fine, very bright, and very warm day. with little or no wind; much cirri at sun-set followed by a fog from 7½ pm. —	44.

☞ The yellow & the peacock butterfly appeared to day, and the small brown kind also. —

March 1849.

1849.	Barometer.	Wind.	Thermometer out doors Lowest	8 a.m.	Highest	The Weather & Clouds.	Thermom. 8 pm.
Sunday, March 18.	30·22 ·20 ·15	S E 1. S E 1. S E 2	36	40	55	Foggy till after 10 am, then bright & warm, with cirri & distant fogs on East horizon. Cloudy even^g & night, with some fog.	44
Monday, March 19.	·15 ·17 ·17	E S E 1. E S E 2 E 2.	40	42	48	Cloudy, very little wind, but rather cold, continued cloudy all day but fine & a little more wind. Clear during the night & little frost.	41
Tuesday, March 20.	·25 ·30 ·36	S E ½. S E ½. S E 1.	34	40	51	Very fine with grey clouds, and bright sun little or no wind, & chiefly Eastward. Even^g lightly cloudy with a gentle dry breeze. —	42
Wednesday, March 21.	·37 ·35 ·34	S W 1. S 1. S E 2.	39	43	54	Morn^g cloudy, became bright & very pleasant with a few thin clouds, & very gentle wind: night clearer at times, and colder again.	40
Thursday, March 22.	·28 ·22 ·22	E 1. N E 3. N E 2.	37	40	44	Cloudy more or less, and more wind, very cold, and a few drops of rain at times after 2 pm; cloudy evening, and night. —	41
Friday, March 23.	·13 ·13 ·07	N E 2. N E 3. N E 3.	38	41	46	Cloudy at times with a little flying shower occasionally, but chiefly fair, and some sun, but a cold wind. Night in part clear.	40
Saturday, March 24.	·04 ·03 ·03	N E 4. N E 4. N E 3.	35	38	43	Frequent storms of snow & sleet, with some hail, and squalls of wind with them. Sun bright at times, but a very cold day: New moon 2 pm. —	31
Sunday, March 25.	29·99 ·99 30·00	N E 2. N E 1. N E 1.	30	35	38	Storms of snow in the morn^g, but fine after 11 am, yet cloudy and very cold. Evening quite cloudy, scarcely any wind, and less cold.	36
Monday, March 26.	29·98 ·98 ·94	N 2. N E 2. N E 0.	35	37	43	Cloudy and cold, dark and lowering, with a little wetting at times; some hail at 6 pm. — Calm & cloudy evening and rather warmer.	39
Tuesday, March 27.	·67 ·53 ·53	E 1. S E 0. S E 2	37	40	46	Cloudy more or less, but chiefly fine, and little or no wind: some showery rain during the night, and more wind at times.	41
Wednesday, March 28.	·40 ·45 ·53	E 2. E 2. E 0.	37	44	46	Showery morn^g, but chiefly fine after 9 am, yet cloudy with mixed dark clouds, Even^g fine, and clearer. — Fine night and much clearer.	40
Thursday, March 29.	·47 ·45 ·50	E 1. E 1. S E 1.	35	44	53	Fine with clouds of mixed kinds, afternoon chiefly sunny with cumuli and electric mixed beds of cloud: — pleasant and but little wind. Evening clear. Many rocky cumulostrati at a distance at 6 pm, and much of electric appearance. —	43

March 1849.

1849.	Barometer	Wind.	Thermometer out of doors Lowest	8 a.m.	Highest	The Weather & Clouds.	Thermom. 8 pm
Friday, March 30.	29·41 ·42 ·51	S S E 2 S 3. S 3.	38	44	53	Many heavy rocky clouds with flying drops at times, but chiefly sunny, till 3 pm a very hasty storm of rain and hail from South. Fine and hazy even^g. —	46
Saturday, March 31.	·72 ·76 ·78	S E 2. S E 3. S E 2.	40	47	60	Fine and bright with rocky cumuli, and a brisk drying gale. Evening more dappled and hazy, but mild, and the night chiefly hazy with a little less wind.	49

RESULTS FOR MARCH 1849.

Barom^r	Highest on 6th —	30·67	Thermom^r	Highest on 17th & 31st	60°
	Lowest on 28th —	29·40		Lowest on 9th —	28
	range —	1·27		range	32
	Mean of month —	30·10		Mean of month —	43·66
				Mean daily range —	12·48

Depth of rain only ·73 of an Inch, Evaporation 2·37 Inches. fine days 23 in number. Prevailing winds NW and SE. —

This month was very fine for seed-time, and often very pleasant, but not so warm for the season as the previous month. —

APRIL 1849.

1849	Barometer	Wind	Thermometer out of doors Lowest	8 a.m.	Highest	The Weather & Clouds. —	Thermom. 8 pm
Sunday, April 1st.	29·70 ·63 ·62	S E 2. S 3. S E 3.	42	46	53	Flying clouds & little rain at times, during the forenoon, finer with some sun in the afternoon, and large raggy clouds: very curdled and electric in the evening.	47
Monday, April 2.	·59 ·58 ·57	S E 3. S E 3. S E 4.	42	46	57	Many flying clouds & stormy looking sky, but chiefly fine and bright & more so after 1 pm with many cumuli and brisk wind: even^g windy and darker clouds, but curdled upward. — Showery at 9 pm, afterwards fair.	47
Tuesday, April 3rd.	·62 ·70 ·76	S 1. S 1. S W 0.	39	44	56	Hazy, light cumuli & sun, after a foggy morn^g a fine pleasant day, & bright with haze, & cumuli. — Very hazy even^g and red sun set. night fine, & clearer. —	46
Wednesday, April 4.	·78 ·74 ·76	S 1. S E 4. S E 4.	34	42	57	Hazy but chiefly sun, became brighter with small cumuli, and a parching breeze; cloudy night, wind and some rain at times. —	44
Thursday, April 5.	·57 ·60 ·68	S E 3. S E 2. S E 0.	43	48	53	Rainy morn^g till 10½ am; afterwards finer but cloudy more or less; even^g close calm, and pleasant, but chiefly cloudy.	50

April 1849.

1849.	Barometer	Wind.	Thermometer out of doors lowest	8 am	highest	The Weather & Clouds. —	Thermom 8 pm
Good Friday, April 6.	29·70 ·69 ·69	SSE 1 SE 2 SE ½	41	48	61	Foggy till after 8 am, then became very bright warm, and beautiful; continued bright and warm, with cumuli clouds, & gentle breeze; Evenᵍ clear moon very bright. —	48
Saturday, April 7. Full moon 4 pm.	·55 ·53 ·53	SE 2 SE 3 SE 1	44	49	60	Much electric mixed cloud, & sun bright and warm till after 1 pm — then hazy and more clouded with a little flying rain at times: bright moon, & curdled evening.	58
Sunday, April 8.	·50 ·51 ·55	SE 1 SE 1 SE 1	44	50	55	Rainy mornᵍ, and chiefly so till noon, afterwards finer, but cloudy: evening rather clearer, but still cloudy, and cooler, — Overcast and damp night. —	48
Monday, April 9.	·60 ·62 ·67	NE 2 NE 3 NE 3	44	46	48	Very lowering and rainy, the same more or less all day, evening finer but very cloudy and a brisk wind continuing, and a little wetting at times during night.	43
Tuesday, April 10.	·67 ·70 ·74	NE 2 NE 3 NE 3	43	46	48	Very cloudy, and brisk wind, chiefly quite clouded all day, and a cold wind. — Evening and night cloudy and windy, but mostly fine. —	42
Wednesday, April 11.	·78 ·82 ·87	NE 2 NNE 2 N 1	39	42	46	Very lowering, cold, and at times rainy, raining fast at 1 pm, but became fine and clearer after 3, and at 5 pm sun bright: Clear and chilly evening. —	40
Thursday, April 12.	·88 ·84 ·74	NW 1 NW 2 SW 1	34	39	48	Cloudy with sun, many cumuli, and some mixed clouds, little hail at times, cloudy evenᵍ, and curdled upward, but fair. — Wind rising during night.	43
Friday, April 13.	·44 ·42 ·31	S 2 SSE 4 S 4	40	43	52	Many flying clouds, & showers at 11 am, sun bright at times; very squally with flying showers in the afternoon, stormy evenᵍ, rain after 8 pm. Night squally.	45
Saturday, April 14.	·44 ·53 ·54	SE 2 SE 2 E 1	38	42	55	Fair with brisk wind & low clouds in the mornᵍ, sunny day, less wind, and many mixed clouds. Pleasant mid-day: red evenᵍ and much cirri, and haze in streaks. —	44
Sunday, April 15.	·68 ·78 ·82	NE 4 NE 3 NE 3	40	42	48	Lowering, cold wind, and little wet: finer afternoon, some sun, but much cloud and cold wind: — Evening and night clearer, and less wind after 9 pm. —	43
Monday, April 16.	·88 ·84 ·78	NW 1 NW 2 W 2	35	40	51	Fine and sunny with cumuli and some mixed clouds; evening more clouded and wind more gusty. — ☞ The Cuckoo heard to sing this morning. —	45
Tuesday, April 17.	·76 ·80 ·85	NW 3 NW 2 NW 1	35	37	47	Heavy storms of hail & snow at 6 & 8 am afterwards bright with cumuli, but from 3½ pm more showers of hail & snow; sharp frosty evenᵍ, with snow during night. —	33
Wednesday, April 18.	·93 ·87 ·77	NW 1 NW 3 SW 3	25	34	48	Severe frost & clear mornᵍ: stormy unsettled day sleet showers & sun at times: hazy and dark after 3 pm & wᵈ veered: Stormy evenᵍ snow at times & heavy at 5 & 7 pm.	38

April 1849.

1849.	Barometer	Wind	Thermometer out of doors lowest	8 am	highest	The Weather & Clouds.	Thermom 8 pm
Thursday, April 19.	29·46 ·50 ·54	NE 4 NE 5 NNE 5	35	40	42	Very cold boisterous gale all day, and generally clouded over, a little sleet & rain in the mornᵍ, but afterwards fair but exceedingly cold & windy. Evenᵍ red & still windy	37
Friday, April 20.	·62 ·71 ·82	N 3 N 4 N 1	35	41	47	Chiefly finer & sunny, with cold wind, and heavy rocky clouds, some flying clouds, and hail showers of short continuance: less wind in the evening, but distant stormy clouds.	38
Saturday, April 21.	·89 ·95 ·99	NW 1 NW 1 E 0	32	37	52	Chiefly bright with rocky cumuli, and some sleet showers at a distance: with thunder — evening calm and not quite clear.	40
Sunday, April 22.	30·02 29·95 ·93	SE 0 S 1 S 2	29	39	54	Clear frosty mornᵍ, very fine and warmer in the day with sun, and thin clouds: but hazy after 2 pm, cloudy evening, and a little rain at times: New moon — midnight. —	45
Monday, April 23.	·68 ·65 ·67	Var 0 E 1 E 1	43	46	55	Close morning, light rain till after 8 am; afterwards fine, with rocky clouds, and some sun; evening very cloudy, and the night the same. —	48
Tuesday, April 24.	·81 ·85 ·88	NE 2 NE 1 SE 2	40	42	53	Cloudy more or less, but fine, and a little sun at times; more sun at 4 & 5 pm — and a dappled sunset. Evenᵍ fine but cooler with scuds from SE. —	45
Wednesday, April 25.	·80 ·83 ·83	S 1 SW 1 S 0	41	47	61	Cloudy & misling mornᵍ, but fair after 9, became clear, very fine warm & sunny, with light clouds; close and calm evening, very hazy and curdled upward.	50
Thursday, April 26.	·82 ·87 ·90	S 0 W 1 SW 0	45	49	58	Cloudy close, and light rain in the mornᵍ but fine at noon, and became bright by degrees. Very warm sunny evenᵍ, with beds of light dappled cloud.	50
Friday, April 27.	·94 ·88 ·82	SW ½ SW 1 SSW 3	36	51	65	Quite clear, heavy dew, lovely mornᵍ, Cuckoo singing very fine, bright, warm, and beautiful day with small cumuli, but at 4 pm more wind and cirri with electric clouds, & haze. —	50
Saturday, April 28.	·73 ·90 30·00	WSW 2 SW 2 Var 0–1 NW 0	46	53	62	Some showers early, but a fine mornᵍ after dawn; very rocky & electric but fair & sunny till 2 pm, afterwards much thunder, & black clouds. At 4 pm a very heavy and black nimbus from NW, with large hail rain, vivid curved lightning, and loud thunder: bright and calm evenᵍ.	50
Sunday, April 29.	30·26 ·32 ·37	NW 1 Var 0 E 2	41	53	68	Very fine bright, and warm, with cumuli clouds, and gentle wind. A very beautiful arc of grained & dappled cirrostratus all the evenᵍ lying from SE. — Calm & clear night	54
Monday, April 30.	·42 ·38 ·37	E 1 E 2 NE 2	41	54	66	Very fine, clear & warm, very few small clouds, and gentle wind. — Evenᵍ more clouded with scuds & cooler wind.	48

Results for April 1849.

Barom.r	Highest on 30th 30·42 Lowest on 13th 29·31 range 1·11 Mean of Month 29·76.	Therm.r	Highest on 29th — 68. Lowest on 18th a.m. — 25 ! range — 43 Mean of Month — 46·53 Mean daily range — 15·33

Depth of rain 1·59 ; Evaporation 2·65 ; principal winds SE & NE. number of fine days 16.

Sycamore & willows leafing on 7th, Blackthorn and plum flower-buds open on 10th. Cuckoo sang on 16th: Swallows seen on 22d. Martens on 25th. Pear tree flowers 27th, Cowslips fully open 28th. Maple leaf, and hedges verdant 30th. Starlings assemble about willows, clattering their bills; & uttering their singular harsh notes. Wagtails approach our house chasing the sparrows & finches while in quest of crumbs from the tables thrown out at the door.

MAY 1849.

1849	Barometer	Wind	Thermometer out doors lowest	9 a.m	highest	The Weather & Clouds	Thermom 8pm
Tuesday, May 1st.	30·22 ·17 ·17	NE 3 NE 3 NE 2.	41	54	59	Very fine and drying, thin clouds, and sun, with brisk wind: Much undulated festooned cloud in white & dusky web-like lines all the middle of the day. Clear at 4 & 5pm — afterwards cloudy. —	48
Wednesday May 2.	·07 ·05 ·02	NE 2. NE 1. E 1.	47	58	67	Shower at 3 am. Close morng, low clouds, very fine, warm & sunny day, with a pale sky, haze & thin cumuli. Sun set in haze, nearly clear but pale, and a very electric sky. — Much thunder and lightning quick, severe & near, from before midnight.	54
Thursday May 3.	29·97 ·99 ·98	E 1. E 2. E 1.	48	68	70	A succession of dark cirrostrati from ESE with sharp lightning & thunder till after 2 a.m & with a little rain. Very fine, bright, and hot day, some curdy dappled clouds at times but chiefly clear. — A strong white light on west horizon under the sun's place at 6 & 7 pm. Continual thunder in South after 7 pm, till near 9pm. night fine & clearer. —	58
Friday, May 4.	30·00 ·01 ·01	E 1. E 2. NE 1.	48	65	74	Clear, lovely morng, dewy, but warm; a very bright and hot day, not one cloud. Brilliant orange sunset. Clear and balmy night. Nightingale singing. —	58
Saturday, May 5.	29·94 ·95 ·99	NE 1 NE 2. NE 4.	48	65	71	Clear & dewy morng, very bright day, and hot with electric groups at a distance; and far North a bank of thunder-clouds at 2 & 3 pm. flying scuds below in the eveng, and the white curdled flocks upward in the eveng and night. more clouded over after 10pm.	50
Sunday, May 6.	·95 ·95 ·97	NE 3. NE 4. NE 4.	44	52	56	Cloudy & colder morng. clearer after 9, but chiefly cloudy with cold wind all day; evening and night also cloudy & windy.	47
Monday, May 7. Full moon 7 a.m.	30·05 ·09 ·12	NE 4. NE 4. NE 2	44	48	54	Cloudy and windy, clearer after 11. fine day at times bright, but cold and windy, with scuddy clouds: less wind at eveng, but more or less cloudy. —	44

MAY 1849.

1849.	Barometer.	Wind.	Thermometer out doors lowest	9 a.m	highest	The Weather & Clouds. —	Thermom 8pm.
Tuesday May 8.	30·10 ·12 ·08	NE 4. NNE 4 N 3.	42	48	51	Cloudy and cold breeze, little sun near noon but again dark and cloudy with a little wetting at times, and cold wind. Rainy night, and cold for the season.	41
Wednesday May 9.	·04 ·05 ·03	N 2. NW 2. NW 2.	39	45	46	Cloudy and chiefly rainy; almost continual rain more or less hard till sun-set. Somewhat finer during the evening and night, but a little wet at times.	42
Thursday May 10.	29·92 ·92 ·90	NW 1. W 1. NW 1.	41	45	51	Rainy more or less all day, and the wind very variable in the afternoon. at times SW and at others NE, but settled again NW, as before. — Evening fine, but some rain during night. —	47
Friday, May 11.	·90 30·01 ·09	NW 1. NE 2. NE 2.	44	49	53	Cloudy more or less, and some rain at times, a little sun at short intervals, and at 5 to 6½pm, afterwards lowering. Night fine and chiefly clouded. —	46
Saturday, May 12.	·28 ·32 ·31	Var. 1. SE 1. SE 0.	44	54	60	Cloudy morng, very fine pleasant day, and sun at times, with cumuli clouds, and a gentle wind. Hazy evening, curdled and rather close.	51.
Sunday, May 13.	·15 ·11 ·00	SSE 2. S 2. S 2.	45	60	67	Very close, but fair, curdled clouds & sun, with a sultry breeze; a very warm, pleasant and growing day. Evening cloudy and close, night clearer. —	60
Monday May 14.	29·79 ·62 ·63	SSE 2. SSW 2. SW ½	48	61	67	Chiefly fair with mixed electric clouds, some very black with distant Thunder-showers. a little shower here at 1½pm: calm & bright eveng till 7½pm: — Severe thunder & red lightning W — & NW — 8 pm — & very black. —	61
Tuesday, May 15.	·62 ·65 ·71	SW 1. W 2 W 1. S 2.	49	59	65	Cloudy in part, and many clouds most of the day, with distant thunder showers, fine here with sun at times, and very bright after 3pm. Wind again S, 8pm, with electric clouds about.	57
Wednesday May 16.	·60 ·54 ·54	SSE 3. SSW 3. S 2.	50	54	67	Warm breeze & rain till 11 a.m; afterwards fair and sultry, with cumuli and sun at times. Hazy and red sky in the evening. Warm breezes all night.	60
Thursday. May 17.	·43 ·40 ·50	S 4. SSW 4. SW 3.	53	59	64	Very showery before sun-rise. morng bright, but a squally day wind with flying showers, and warm sun. — Evening lowering, and rain at times. —	56
Friday. May 18.	·54 ·62 ·75	SW 2. W 2. W 2.	52	60	64	Frequent heavy showers, and severe thunder, lightning and hail 1 pm; clouds very black and extensive. Fine and sunny after 2 pm but a showery eveng. —	56
Saturday May 19.	30·02 ·10 ·12	W 2. W 1. W 0.	48	53	59	Cloudy till after 2pm, but fine, and became bright and pleasant from 3 till 8pm. — Some dark clouds diverging from W. horizon to zenith at 8pm and converging again in the East. —	53
Sunday May 20.	29·97 ·93 ·90	SE 1. SSE 1. SSE 0.	48	55	59	Rainy more or less all the day, gloomy and lowering. Rain increased in the evening, but a calm and warm air, and very little rain after 9pm. —	54

MAY 1849.

1849.	Barometer	Wind.	Thermometer out-doors lowest	9 a.m.	highest	The Weather, & Clouds.	Thermom 8 pm
Monday, May 21.	29·90 –·95 30·01	E 0. S E 1. S E 0.	51	59	70	Cloudy morng and close, but the rain ceased became bright after 9, a very bright and warm day, small cumuli and gentle wind, calm, bright & pleasant eveng. —	58
Tuesday, May 22.	29·91 –·87 –·93	S 2. S 3. S 0.	50	56	61	New Moon 7½ am; cloudy & hazy, rain between 10 am & 1 pm, afterwards showers, and sun: black with great showers in the N.W. & N, 4 pm. – Fair and bright eveng. –	55
Wednesday May 23.	30·04 –·17 –·27	S W 2. W 1. N W 0	49	62	68	Mixed clouds & sun, fine & warm till after 1 pm – afterwards heavy showers and much distant thunder; eveng fair & sunny after 7 pm. Fine & clear night. —	58
Thursday May 24	–·32 –·29 –·23	S E 0. S E 1. S E 1.	46	65	73	Very bright and with small cumuli and a few cirri clouds. Very little wind sometimes none. — More hazy in the evening. — Close night, & electric.	60
Friday, May 25 ☌ ☿ ♄	–·11 –·07 –·09 –·10	S E 1. S E 2. S 1. S E 0.	52	64	72	Very electric all the morng but chiefly bright & very hot. Heavy thunder clouds came on from noon to 2 pm. Very black with violent thunder SW. SE. & NW. all the time, passed off with a few drops only here then again bright, but thunder NE at a distance. Calm, bright & warm eveng – & a large Meteor fell in WSW – just after sun-set – visible in strongest twilight: very fine and close night. —	62
Saturday, May 26.	–·12 –·13 –·15	W 0. S E 1. S E 1.	53	65	72	Very fine and hot, with hazy & electric clouds and gentle wind. Eveng very bright with a dappled train of cirrocumuli. Fair and close night, no wind. —	62
Whit-Sunday, May 27.	–·18 –·22 –·23	W 1 W 0. Var 0.	52	67	77	Very fine, bright and very hot, the sky very richly dappled with silvery cirrocumuli: – Eveng close and calm, with haze in the NW. – Distant thunder clouds westward.	62
Monday, May 28.	–·25 –·30 –·32	N E 1. N E 1. N E 1.	52	56	58	Black with distant thunder westward – but a fine morng till after 6, when an Arc of dark clouds drew on from SW – against the lower wind. continual rain from 6½ am – till 5 pm and often hard. Finer evening. but heavy rain all night after 9 pm. Great floods on the vales.	56
Tuesday, May 29.	–·28 –·30 –·30	N W 3. N W 2. N W 0.	52	56	63	Rain ceased about 5 am, became clear – very fine, bright & drying day with cumuli clouds. Evening quite clear and golden sunset. Fine and clear night.	57
Wednesday May 30.	–·29 –·29 –·25	W 1 S W 1. S S W 0	49	65	75	Clear, very fine and hot: a few cumuli, and light dappled clouds, with a very gentle wind. Hazy eveng and dappled. Very close & quite calm, and the night close. —	64
Thursday May 31.	–·16 –·10 –·10	S 2. S 1. S W 0.	54	67	75	Very close with a little rain 8½ am, very hot sultry day, some mixed clouds & haze, but bright at times; eveng exceedingly hot and sultry, curdled upward, and blue rocky clouds about N W. —	69

Conclusive notes for May 1849.

Baromr.	Highest on 12. 24. & 28th – 30·32 Lowest on 17th – 29·40 range — 0·92 Mean of month 30·01	Thermom.	Highest on 27th – 77° Lowest on 9th – 39 range — 38 Mean of month – 55·98 Mean daily range – 16·45

Prevailing winds NE, SE, & S to W. – number of fine days – 18: — depth of rain 4·93 Inches, and Evaporation 3·46 Inches.

This was a variable month with some hot days at intervals, and no cold nights, but the cloudiness & great falls of rain, caused a singular gloom to dwell o'er our land, to the blighting of the Apple-trees, and to the promotion of bilious disorders among men. Hawthorn flowered about 16th. —

JUNE 1849.

1849	Barometer	Wind.	Thermometer out of doors lowest	9 a.m.	highest	The Weather & Clouds.	Thermom 8 pm
Friday, June 1st. ✳ ☉ ♂	30·13 –·22 –·23	S W 2. W 1. S E 1.	56	70	76	Very bright and very hot, light cirrocumuli in dappled arcs & gentle wind; close afternoon, lightly cloudy and very little wind; Fine eveng and night. —	64
Saturday June 2.	–·22 –·21 –·25	S 0. S E ½. N E 1.	52	68	76	Very sultry with electric mixed clouds, hot sun at times, & very little wind; clearer, cooler, and more wind during the eveng, but very fine. —	60
Sunday, June 3.	–·36 –·37 –·35	N E 1. E 2. E 1.	50	66	70	Clear, very bright and a parching breeze, but moderating the Solar heat: evening clear and cool, but the night more hazy and close. —	58
Monday June 4.	–·28 –·24 –·17	S E 2. S E 2. S E 1.	52	67	74	Hazy & very electric but chiefly sun, & very hot; less haze in the afternoon & rather more wind: with small bright electric clouds; Eveng very bright, and less wind. — Colored haloes round the moon 10 pm. —	64
Tuesday, June 5. Full moon 10 pm.	29·98 –·99 30·02	Var 1. E 1. E 1. Var. 2. & 0. N W 1.	58	73	80	Distant thunder clouds in W. at 6 am, very bright and extreme hot till after 3. when a sharp storm came up west against the wind, with excessive rain, hail, purple lightning, and very violent thunder at 4 pm – for ½ an hour: afterwards fair & sun at times. Hazy & dappled eveng, and continual thunder in South. —	63
Wednesday June 6.	30·23 –·27 –·30	N W 1. N 2. N E 1.	55	58	64	Cloudy with blue haze, more or less cloudy all day, little gleams of sun; more overcast at 5 pm a little rain, but soon fine yet cloudy.	54
Thursday June 7.	–·32 –·25 –·24	N E 2 E 2. E 2.	51	61	65	Light clouds & sun, became very bright in the afternoon, with dappled clouds gliding opposite to lower breeze: pleasant day, and cooling wind. Eveng in part cloudy and curdled. — Very red and coppery sun-set. — Some undulated cirro-strati in small bodies. —	55

June 1849.

1849.	Barometer	Wind.	Thermometer out doors, lowest	9 am	highest	The Weather & Clouds.	Thermom 8 pm
Friday. June 8. *☉4	30·14 ·10 ·06	E 0. Var 0. NE 1.	51	56	59	Cloudy with undulated clouds, a little rain at 9 am, then clearer again, but often lowering with fits of rain from inosculation of clouds. Clearer after 4 pm. Cool eveng, scuds & a little wind. —	53
Saturday June 9.	·00 29·98 ·95	N 2. N 2. N 2.	45	53	61	Loose cumuli and a cool breeze, but fine and chiefly bright all day. Evening clear, a cool yellow sun set, and the wind very cool for the season.	52
Sunday, June 10.	·73 ·82 ·82	W 2. NW 2. N 0.	44	52	54	Very cool, and cloudy more or less till 1 pm, then clearer and more pleasant with cumuli clouds & sun. Little rain at 7½ pm — from light cirrostrati.	50
Monday, June 11. △84	·93 ·96 30·00	NE 2. NE 2. NE 0.	46	56	59	Cumuli & sun with a cool breeze. Some lower clouds & a few drops, but mostly fine. Eveng very clear, and a bright yellow sunset. —	51
Tuesday, June 12.	·01 ·05 ·06	WNW 1. W 2. W 1.	43	56	61	Chiefly fine but more or less cloudy, a little rain at times pm, and at 6½ pm a gentle shower, afterwards clearer.	51
Wednesday, June 13.	·15 ·20 ·26	NE 0. E 2. Var 0.	42	58	65	Very fine, bright sun till 11 am with cumuli, afterwards many mixed clouds, and a shower about 2 pm. — Evening bright. Mist on valleys 9 pm. —	51
Thursday June 14.	·28 ·26 ·24	Var 0. SE 2. SE 1.	40	61	69	Quite clear, heavy dew, continued clear, and no wind till noon, afterwards a breeze. Evening also clear, except cirri in curly bands westward.	54
Friday. June 15.	·06 ·00 29·98	E 2. E 2. E 1.	46	63	67	Hazy & electric dappled sky, but in part bright, very fine and pleasant day, hazy and cloudy evening. — Distant thunder in the morng in ESE.	58
Saturday, June 16.	·90 ·91 ·92	NE 1. NE 1. N 2.	53	65	66	Very sultry and hazy all the forenoon, became more clouded & a cooler afternoon, but fair. Eveng cloudy more or less, and the night chiefly cloudy. —	57
Sunday, June 17.	30·02 ·08 ·14	NW 2. NW 2. N 0.	51	61	66	Cloudy but soon clear, a bright and pleasant day with cumuli clouds, & a fresh breeze. Calm & serene eveng, curdled and streaked sky. Night clear.	57
Monday, June 18.	·20 ·18 ·16 ·13	Var 0 W 1. SW 1. S 3	50	66	73	Very fine, bright & hot; with cumuli clouds, more clouds & wind after 1 pm, but fine. Clearing eveng & less wind. — but hazy and dappled in many points.	62
Tuesday June 19.	·01 29·90 ·92	SW 2. SW 4. WSW 3 NW 4.	51	60	63	Hazy but bright, more hazy after 8, and rather more wind; windy afternoon and rain from 1½ pm, became fine at 5 — eveng chiefly sunny & wind less, but at 9 pm more wind & from NW. Clear night.	59
Wednesday June 20. New moon 2 pm.	30·24 ·27 ·23	NW 2. W 1. SW 1. S 2.	51	61	68	Very fine, bright sun, and cumuli clouds, pleasant day & but little wind. Evening clear except light dappled clouds & cirri, and wind veered about to S. —	60

June 1849.

1849.	Barometer	Wind.	Thermometer out doors, lowest	9 am	highest	The Weather & Clouds.	Thermom 8 pm
Thursday June 21.	30·17 ·13 ·20	W 2. W 4. W 2.	51	66	74	Very fine, bright, & hot with cumuli clouds, larger clouds & more wind in the afternoon, but still hot and chiefly bright. Eveng clearer very close & less wind.	62
Friday, June 22.	·23 ·20 ·17	W 2. W 1. SW 0.	49	63	72	Very fine and bright, with gentle wind & cumuli, but in the afternoon more close, with extensive bands of grey cirrostratus at 4 & 5 pm, but a clear, calm, & lovely eveng. — Fine golden sun-set.	65
Saturday June 23.	·11 ·00 ·01	W 1. WSW 1. W ½.	55	69	76	Very fine, bright and hot, with light elliptical woolly cirrostrati, close and sultry afternoon and eveng, many clouds & some sun: clearer again at sunset. Lovely night.	68
Sunday, June 24.	·03 ·05 ·07	NW 1. NW 1. SE 1.	52	66	73	Exceedingly fine and bright, hot and calm day, with small cumuli & some cirri. Wind veered at 5 pm to SE. fine eveng and chiefly clear, but hazy in South.	61
Monday, June 25.	·12 ·08 ·07	SE 1. SE 2. SE 0.	50	63	71	Hazy with mixed electric clouds, hot forenoon and bright at times: more cloudy after 1 pm a few flights of rain and much haziness; rocky electric clouds all the eveng in very small compact divisions. —	60
Tuesday, June 26.	·02 ·06 ·12	WNW 2. WNW 2. NW 0.	55	69	74	Cloudy and close morng, became bright after 9 am, and continued fine bright & hot, with cumuli clouds, & brisk parching wind. Eveng very close, calm & sultry with light grey clouds on all sides.	66
Wednesday June 27.	·09 ·08 ·09	W 2. W 2. W 0.	58	71	77	Bright and very hot, with light cumuli, and a fresh breeze, rather in gusts at times, and at other times nearly calm: very bright evening and nearly calm, very sultry & a few small electric cumuli.	66
Thursday June 28.	·12 ·17 ·21	NW 2. NW 2. NNW 1.	55	63	67	Very fine with much cloud in mixed beds chiefly cirrostrati & cumuli, with sun at times and a cooler breeze. Eveng clear and calm: deep orange sun-set. —	57
Friday. June 29.	·23 ·18 ·07	SE 1. SSE 2. S 1.	43	61	70	Hazy and curdled but very fine; more or less hazy all day, with sun and mottled cirrostrati clouds. More wind after 3 pm, evening rather cloudy, and a little wet at 8 pm. —	60
Saturday June 30.	·00 ·11 ·26	NW 2. N 3. N 2.	54	60	62	Gentle rain in the morng, from 2 till 4, fine at ☉rise, and chiefly fair all day, some sun, with raggy cumuli, and a cool breeze, sometimes attended by a little wet. Evening very fine and clearer with less wind. —	56

Summary of June — over leaf.

Results for June 1849.

Barom	Highest on 3rd — 30·37 Lowest on 10th — 29·73 range — 0·64 Mean of month 30·113	Thermom	Highest on the 5th 80° Lowest on 14th am 40 range 40 Mean of month — 59·35 Mean daily range — 18·1

Wind much divided but chiefly W, E, SE, & NW. Fine days 22; rain 1·14 Inches, Evaporation 4·18 Inches.

This was a very fine month for the hay-season, and a heavy crop was well secured. Dog rose flowered about the 5th. —

JULY 1849.

1849.	Barometer	Wind	Thermometer out doors lowest	9 am	highest	The Weather & Clouds	Thermom 8 pm
Sunday, July 1st.	30·25 ·17 ·10 ·05	WSW, SW3 SW2	42	62	74½	Clear dewy morng, but became very hot, and continued bright with light cirri: much hotter after 12, and mixed beds of diffused cirri and cirrocumuli in silvery dots at 4 & 5 pm. Close & hazy evening.	67
Monday, July 2nd.	·00 ·12 ·14	WNW3 WNW4 WNW1	57	64	71	Very fine & bright with cumuli clouds, and very blustering breeze, but hot & parching. Evening rather more clouded, and wind less. - Hazy night.	63
Tuesday. July 3rd.	29·83 ·78 ·72 ·76	SSW3 SW6 WSW6 SW3	54	60	72	Heavy rain from 3 am, in frequent showers till after 9 am, then clearer, very windy with flying clouds & sun, brighter in the afternoon - & wind much less at 4 & 5 pm — but again increased at 9 pm. —	64
Wednesday, July 4.	·78 ·82 ·82	W3 W2 W0	57	61	66	Many flying clouds, brisk wind, & sun, fine and pleasant, less wind in the afternoon, but stormy looking clouds about West. Eveng calm with a mottled sky. —	62
Thursday July 5. ✱☿♃	30·01 ·05 ·11	NW1 NW1 W1	49	63	68	Very fine, and pleasant, mostly bright and a gentle wind, with cumuli & mixed clouds: evening calm and bright, a few small electric clouds: Full moon 1½ pm. Clear and dewy night.	62
Friday, July 6.	·19 ·22 ·25	SW1 SW3 SW0	48	66	76	Very fine & bright with light dappled clouds, continued a very bright and hot day, no cloud at times, but more wind after 11, lovely eveng, wind calm, and a dappled electric sky. —	68
Saturday July 7.	·22 ·21 ·17 ·19	SSE2 SSE3 S0	56	75	83	Exceedingly fine, very bright, and extremely hot, with a brisk breeze, a few small electric clouds in the morng, but after 9 perfectly clear; Therm at 11 am 80, and 83 for some hours pm: quite clear all day and eveng, pure golden sunset. —	74

JULY 1849.

1849.	Barometer	Wind	Thermometer out doors lowest	9 am	highest	The Weather & Clouds	Thermom 8 pm
Sunday, July 8.	30·18 ·20 ·25 ·27	SW1 SW1 W½ NW2 Var 0	61	79	89	Exceedingly fine, very bright, and extremely hot; continued clear, and excessively hot, with a gentle breeze. 11 am Thr 86, noon 88°. and from 1 to 3 pm 89°. A few electric cumuli at 3 & 4 pm and less wind, but veered to NW soon after 5, and became brisker. Therm at 4 pm 85, and at 6 - 79°. Several longitudinal bars of electric cloud at 7 & 8 pm: and very sultry evening. —	74
Monday, July 9.	·34 ·38 ·42	NW0 NE1 SE1	58	72	82	Very fine, bright, and very hot, with electric cumuli and very little wind; cooler evening more clouds, and rather more wind at times. Night in part cloudy. —	68
Tuesday, July 10.	·52 ·50 ·50	E½ SE2 SE½	58	70	78	Very fine and very hot, with cumuli clouds and sun; evening clear and calm, and a pure orange-tinted sunset. — Night clear and heavy dew.	64
Wednesday July 11.	·50 ·51 ·51	E1 E2 E1	50	69	76	Clear, very fine bright and hot, a few cumuli, and gentle breeze at times; evening clear, and yellow sunset. Night clear and slight dew. —	64
Thursday July 12.	·51 ·49 ·49	E1 NE2 NE1	52	69	76	Very fine, bright, and hot, with a few small cumuli, and gentle wind. Evening clear except cirri, and a cooler air than previous evenings. Clouds during night.	61
Friday, July 13.	·42 ·40 ·38	NE2 NE2 NE2	54	65	73	Clouds all the morng, but partially bright after 10 am, very fine with grey loose cumuli, and sun, evening much cooler, and rather cloudy. Night clear in part. —	59
Saturday July 14.	·35 ·32 ·31	N1 NE2 NE1	54	66	73	Very fine and sunny with light grey cumuli clouds, and pleasant breeze. Cloudy, eveng and night, and a very little misling at 11 pm. —	60
Sunday, July 15.	·30 ·29 ·27	ENE2 NE2 NE1	54	65	70	Cloudy and rather close morng; very fine and pleasant day, grey cumuli and sun, with a fresh breeze. Eveng and night, fine with some clouds about & rather red sky.	60
Monday, July 16.	·26 ·22 ·18	NE1 Var 0 SE1	54	67	76	Very fine, bright and very hot, with cumuli clouds, and very little wind; close eveng, and some curdy electric clouds. — Fine night, and in part clear. —	66
Tuesday July 17.	·02 29·97 ·92	SW2 SW1 SW0	55	72	75	Bright till near 11 am, and very hot, with a curdled electric sky, afterwards cloudy & hazy with very light rain. Close eveng, and gentle rain at times. Heavy rain at 10 & 11 pm. —	64
Wednesday July 18.	·85 ·78 ·72	W2 W2 SW3	52	64	71	Fine & sun at times with many mixed clouds till 4 pm, then black with distant thunder, and a sudden heavy shower: and the eveng showery with distant thunder. — A coloured Parhelion N. of Sun 7 pm. —	61
Thursday July 19.	·68 ·71 ·72	W3 W1 W2	54	62	68	Bright with rocky cumuli, fine till after 3 pm then a hasty short shower afterwards bright again at times, with mixed clouds, and gusts of wind. Distant thunder at times during afternoon. —	59

New moon 9¼ pm.

JULY 1849.

1849.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Friday July 20.	29·66 ·70 ·80	SW 1. Var 1. E 2. Var. 0.	51	62	67	Fine morning with very rocky cumulostrate & sun, also electric mixed groups, small showers at 10½ am & near 12, afterward very black thunder clouds till 2pm, heavy rain & continual violent thunder, became fair again at 2½pm: little shower 8pm, fine night, rather cool, & some meteors.	56
Saturday July 21.	·92 ·97 30·07	W 1. W 2. NW 1.	49	63	72	Fine and sunny, with cumuli clouds, very pleasant afternoon, but at a distance in NNE black with thunder at 4 pm.— After 6 very dark in NW, and a hasty shower soon came on:— afterwards fair.	60
Sunday, July 22.	·15 ·13 ·10	W 1. SW 2. SW 2.	50	64	70	Fine & bright, with cumuli clouds in the forenoon; but chiefly cloudy in the afternoon after 2pm, & a fresh breeze. Close and hazy evening: dapplied upward.	64.
Monday, July 23.	29·91 ·78 ·78	S 3. S 4. SSW 1.	58	63	67	Very squally wind, but fine and close in the morning. Driving showers in the afternoon, with sun at times; the wind very blustering during the showers. Less wind in the eveng; bright sun, & mixed clouds.	62
Tuesday, July 24.	·78 ·59 ·57	SW 1. S 4. SSW 1.	50	64	68	Bright morng, but soon cloudy & windy with flying showers, and hard rain set in at 1pm, ending with a very heavy storm near 2pm: afterwards fine & sunny. Distant thunder in SW, before the storm came. and at 6pm a thunder cloud in NW. Fine eveng, & very rosy clouds.—	59
Wednesday July 25.	·51 ·55 ·60	SW 2. W 3. SW 1. Var 0.	52	61	64	Extreme heavy showers at 4 & 5 a m, then became fair with rocky clouds & sun; again showery after 1pm. and loud Thunder NW.— Violent storm 4pm, vivid lightning, snapping thunder in zenith, heavy rain & hail, but soon passed over to E.— Fine sunny eveng, and very electric clouds, dappled & rocky.—	59
Thursday July 26.	·64 ·70 ·73	SW 1. SW 2. Var 0 S 3. W 0.	51	65	72	Fair sunny & hot till 3pm, with a beautiful sky of mixed electric clouds, and some very rocky at 3pm— became black across South with much thunder & lightning more or less distant in S, & SSW. The clouds slowly vanished to mere haze, followed by a sunny evening.—	61
Friday. July 27.	·96 30·02 ·10	W 1. W 2. W 0.	53	65	73	Fair and sun at times, with many clouds some dapplied, rocky, and gay, but showers at a distance, and a little rain here at 6pm, afterwards bright, calm, & very warm evening.— Clear night.	65
Saturday July 28.	·17 ·13 ·10	SW 1. SW 1. SW 2.	50	65	74	Very fine, bright, and hot, with light cirri and cumuli: rather more cloudy at times in the afternoon, but hot with sun in general shining. Evening close & hazy with mottled cirrostratus.—	66

JULY 1849.

1849.	Barometer	Wind	Thermometer out of doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Sunday July 29.	29·99 ·88 ·88	SW 2. SW 2. Var 1. SW 1.	58	64	69	Cloudy, close morng, a breeze, & a little wetting at 7 a m; then fair and sultry till noon with dark flying clouds & dappled above.— At 1pm very black in West followed by two thunder storms very near us to NW & N, & some nearly over us the lightning vivid and unusually violent jarring thunder; more or less rain from 1½ pm till near 4pm— then cleared off to East & became bright: fair & sunny eveng, small electric cumuli, & very little wind.	60
Monday, July 30.	·76 ·79 ·76 ·78	SW 3. W 4. W 1.	54	62	69	Squally morng, light rain, & gusty wind; fair and sunny from 9½ am, till 1pm, then more clouded and little showers, bright at 3pm, but a hasty shower at 4½pm. Eveng sunny, but some red rocky clouds in South.—	61
Tuesday July 31.	·83 ·90 30·00	WNW 3. W 5. W 2.	54	62	67	Fine with sun, wind, & flying cumuli; many clouds of mixed kind & stormy looking in the middle of the day, also very windy, but fair. Rocky & stormy sky in the eveng: distant thunder E. & a little lightning 10pm.— Night clearer.	61

Results for July 1849. &c.

Barom.	Highest on 10th — 30·52 Lowest on 25th — 29·51 range — 1·01 Mean of month 30·04		Thermom.	Highest on 8th — 89° Lowest on 1st am — 42 range — 47 Mean of month 62·87 Mean daily range — 19·33

Prevailing winds SW, W, & NE:— number of fine days 20.
Depth of rain 3·26 Inches, and Evaporation 5·10 Inches.—

This month was chiefly very hot & dry to the 17th, afterwards stormy with much severe thunder and lightning. In the storms the falls of rain were great, so as to swell the monthly amount far above what it sometimes is when we have a more rainy state of weather. The wheat crop is much ruffled about & beaten down by the gales & rain on heavy lands, otherwise a promising prospect,— and the tinge of maturity is beginning to come on. Disorders in the Viscera were prevalent more or less in severity, and in London to a greater degree with much fatality from Cholera.

August 1849.

1849.	Barometer	Wind	Thermometer out doors lowest	9 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Wednesday, August 1st.	30·12 / ·19 / ·22	NW 2. / NW 2. / W 1.	51	63	70	Very fine, bright & pleasant with many cumuli clouds, & a fresh breeze; evening rather close and scarcely any wind. — Fine calm, & nearly clear night. —	62
Thursday August 2.	·26 / ·19 / ·16	NW 1. / NW 0 / NW 0	52	65	72	Very fine, & bright, small cumuli, and very hot; more hazy and clouded after 3pm, very close & calm. The evening the same. Very little rain during night.	63
Friday, August 3.	·12 / ·13 / ·15	N 2. / N 2. / N 1.	52	62	65	Loose cumuli and sun, fine and pleasant day, but cool for the season at eveng. chiefly clear at sun-set, and no wind.	54
Saturday August 4.	·10 / ·07 / ·09	N 1. / NW 2. / NW 1.	47	60	64	Fair and sunny, with cumuli clouds, and a very cool breeze. Full moon 4 am: Eveng calm & nearly clear. —	56
Sunday. August 5.	·05 / ·07 / ·09	NE 1. / E 0. / ESE 0	43	62	68	Foggy early, but soon bright with rocky cumuli, warm bright and pleasant day with many clouds; scarcely any wind close, calm, and warm eveng, with some darker clouds.	61
Monday. August 6.	·16 / ·19 / ·20	W 1 / WNW 2 / Var. 0.	49	62	70	Light clouds all the morng which slowly cleared off to a bright noon, more clouded after 2pm. but thin clouds, & very warm and pleasant; clear, calm and hot evening. —	63
Tuesday, August 7.	·23 / ·19 / ·15	SE 1. / SE 1. / SE 0. & 1.	53	64	75	Fog till after 7 am; soon became clear & hot a very fine and hot day with light cumuli and haze; more electric with cirri & cirrocumuli after 4pm: sultry eveng with arcs of electric clouds. —	66
Wednesday August 8.	·10 / ·03 / ·00 / ·01	SE 1. / SE 2. / S 1.	62	74	84	Very sultry with electric beds of cloud; and distant lightning early a.m.; extreme hot all day, chiefly sun, and dappled sky, till 2pm. then black with Thunder in SW, & NW, a very heavy shower 4¼ pm, fine eveng red cirri upward.	70
Thursday August 9.	29·92 / ·82 / ·81	Var. 0. / SE 0 / SE 1.	57	73	75	Fine, sunny & hot till 10 am, then close, hazy and dark. a little rain at 1 & 2 pm, afterwards fine but hazy, and very threatening, dark & rocky about west at sunset. — Night clearer, and much lightning Eastward.	66
Friday. August 10. □♂♃	·88 / ·93 / 30·00	W 1. / W 2. / SW 0.	59	69	78	Very fine, bright, and very hot with cumuli clouds, and gentle wind; a rocky distant Thunder cloud in North 2pm. — Very hot sunny eveng — with electric cumuli. —	71
Saturday, August 11.	·05 / ·04 / ·04	S 2. / S 2 / S 1.	62	70	83	Many thin cirrostrati all the morng, and a sultry air; became bright at 10½ am, and extremely hot; so continued all day — Cirri & haze in the evening, very red sunset. — Much lightning during night in SE, & S, at a distance, but much nearer towards midnight. —	72

A Heron chased a flock of rooks close by us at 3 pm — but was at length routed by one of the rooks sent out by a council of his fellows. —

August 1849.

1849.	Barometer	Wind	Thermometer out doors lowest	9 a.m.	highest	The Weather & Clouds,	Thermom. 8 pm
Sunday August 12.	29·90 / ·90 / ·84	SW 2. / SW 3. / SW 3.	61	73	78	At 2 am, vivid lightning and thunder in S, E, NE, & N, at a little distance, clouds black & knotty & a little rain at times: fine after 3, bright morng, and extremely hot, so continued till after 11 am, then hazy and cloudy, At 2pm, again brighter, very finely curdled upward and scuds below, more stormy inclined in the eveng — raggy clouds, but fair. —	67
Monday, August 13.	·76 / ·72 / ·74	SW 3. / SW 5. / WSW 2 / W 3.	58	67	73	Bright morng, squalls of wind & little flying showers after 11 am; distant thunder storm 1 pm NW: — continual thunder with squalls of wind & flying showers, and very severe lightning & thunder at 5 pm close over us; fine sunny eveng with a stormy sky. —	60
Tuesday, August 14.	·78 / ·82 / ·90	W 4. / W 4. 3. / W 1.	56	64	68½	Windy, with loose cumuli & sun, stormy atmosphere but fine: a little flying shower at 5pm, bright evening, and much less wind Fine night; some thin clouds & haze. —	62
Wednesday, August 15.	·98 / 30·04 / ·05	W 2. / W 3. / SW 0.	57	67	73	Bright sun, & cumuli clouds; a very fine warm and pleasant day; close eveng; wind ceased and beautiful woolly cirri tinged red & green about the Sun. — More wind after 9 pm. —	64
Thursday, August 16.	29·92 / ·88 / ·90	S 3. / SW 2. / SW 2.	55	63	68	Cloudy with some sun & wind squally. more clouded with rain at 9 am. and flying showers till noon, afternoon fair and sun at times with less wind; sunny eveng, clouds mottled and red. —	61
Friday, August 17.	·97 / 30·03 / ·03	W 1. / W 1. / W 0.	50	66	73	Very fine, bright and hot with cumuli clouds; some larger cumulostrati at 1 & 2 pm, but continued fair & chiefly bright. — Dark clouds with gentle shower 6 pm. Lightning Eastward 8¼ pm. —	59
Saturday, August 18. New moon 5½ am.	·11 / ·12 / ·13	NW 1. / NW 1. / NW 0.	49	62	69	Bright till noon with cirri & cumuli, afterwards more cloudy, trifling showers & thunder in SE. Dark clouds in the eveng with shower from WNW. Sun very rosy at setting. Night clear, mist on vales, and distant lightning Eastward. —	57
Sunday. August 19.	·20 / ·31 / ·37	NW 1. / NW 1. / NW 0.	48	60	68	Bright sun, and cumuli clouds; a beautiful day, little wind, and continued sun. — A few cirri with small cumuli in the afternoon; and cirri about settg sun. —	58
Monday, August 20.	·43 / ·43 / ·45	W 1. / W 1. / SW 1.	50	68	73	Fine & close many mixed clouds, but bright & hot at 10 & 11 am, afterwards more cloudy. Very close, cloudy, and sultry evening. Night calm, close, and lightly cloudy.	64
Tuesday August 21.	·43 / ·40 / ·38	W 0. / W 0. / W 0.	58	66	74	Very fine, calm & close, light clouds, & sun; chiefly cloudy, but hot and close, and no wind. Evening also quite calm sultry & lightly clouded over as before.	65

AUGUST 1849.

1849.	Barometer	Wind.	Thermometer out of doors: lowest	9 a m	highest	The Weather & Clouds. —	Thermom. 8 pm
Wednesday, August 22. * ♂ ♄	30·32 ·30 ·28	W 0. W 0 W 0	58	66	70	Cloudy, very close sultry and calm, and continued so all day: little gleams of Sun, but exceedingly sultry. Evening rather clearer, but still close.	65
Thursday, August 23. □ ♂ ☿	·28 ·27 ·28	NW 0. NW 1 NE 1.	58	65	72	Exceedingly close and sultry, very dark clouds at times, but bright at 12 noon, no wind till after 1 pm, then a little breeze at times. Evening and night more or less cloudy.	60
Friday, August 24	·30 ·28 ·29	NE 1. E 1. SE 2. SE 0.	55	64	74	Very fine with light clouds and Sun; chiefly bright in the middle of the day, and very hot, close evening and some electric dappled clouds, one small cumulostratus in the South all the eveng. —	64
Saturday, August 25.	·25 ·22 ·22	SE 0. S 1 SW 1. & S 0.	52	66	75	Cloudy but soon became bright with many small electric clouds, hot and close in the day, hazy with dark rocky clouds after 1 pm: very sultry, calm eveng, and curdled sky. —	67
Sunday. August 26. ☌ ☉ ♃	·20 ·18 ·18	SW 2. W 2. WNW 1	56	67	76	Cloudy & sultry morng, became bright at times, with loose cumuli, and cirri above them: — very fine, & very hot, with a sultry breeze. dark clouds in the eveng, a very little rain at times, and electric sky. —	67
Monday, August 27.	·09 ·04 ·06	W 2. WNW 3 NW 3. NW 2.	54	62	65	Grey clouds and sun, much cooler breezes, but very fine, chiefly cloudy in the latter part of the day, and a very cool wind. — Evening also cloudy.	59
Tuesday, August 28.	·09 ·08 ·05	WNW 1 W 2. SW 0.	54	62	70	Cloudy more or less in the morng, but became clearer, very fine and bright afternoon, small white elliptical & dappled cirrostrati. Very bright calm & hot evening. — Close night. —	64
Wednesday, August 29.	·02 ·04 ·07	W 1 Var. 0. Var. 0.	58	67	69	Low clouds and misling at times. dark and sultry day, and no wind: fine afternoon, rather clearer, but very close, calm and sultry. White mist in a plane Sheet rising in the valleys.	67
Thursday August 30.	·07 ·02 29·98	SE 0. SE 1. SE 0.	60	67	73	Exceedingly close and sultry, and scarcely any sun; very hazy eveng, dark and sultry as before. — A little misling in the night and sultriness increased.	68
Friday. August 31.	·98 30·04 ·04	W 0. NW 1. E 1.	63	67	72	Sultry and misling morning; fair after 8 am, but cloudy and sultry heat. — clearer after 12. little sun, and very gentle wind at times. Eveng much clearer, and rather less sultry. but the night became close and overcast. —	64

Results for August 1849.

Barom.	Highest on 20th — 30·45		Thermom.	Highest on 8th — 84°
	Lowest on 13th — 29·72			Lowest on 5th a.m — 43
	range — ·73			range — 41
	Mean of month — 30·09			Mean of month — 63·45
				Mean daily range — 17·43

Prevailing winds West; the number of fine days 24: — Depth of rain 0·64 Inch, and Evaporation 4·66 Inches. —

This month was very dry and fine for the Corn-Harvest, and in the rural districts but little sickness beyond common bileious disorders, but some large towns were very unhealthy, and great prevalence of Cholera in London. The usual weekly average of deaths there, being 1000, rose during this month most awfully from 1700 to 2450 weekly, and the overplus arose chiefly and in some weeks solely from the Cholera!

September 1849.

1849.	Barometer.	Wind.	Thermometer out doors: lowest	9 a m	highest	The Weather & Clouds.	Thermometer 8 pm
Saturday, Septr 1st.	30·02 29·91 ·86	ESE 1. E 2. E 2.	59	65	69	More or less cloudy and electric, a little rain at times till 1 pm. then clearer, very much dappled and more electric, with dark rocky clouds in the West at sunset. Hazy eveng and moon dim: distant lightning at midnight.	64
Sunday, Septr 2. Full moon 5 pm.	·79 ·90 ·99	S 2. SW 2. S 0. SE 3. brisk in the night.	63	70	77	A short heavy shower at 4 am; fair and hot morng, with bright sun, and electric clouds, continued bright with cumuli, and a very hot day; lovely eveng calm and bright: Sunset yellow & dazzling among tufted cirri: much lightning in South after 8 pm. Moon rose clear but became dim in beds of cirrus, and a paraselene appeared at 8½ pm South of moon.	65
Monday, Septr 3.	30·08 ·12 ·14	SE 1. SE 1. SE 0. E 2.	59	73	79	Little shower 3 am: bright and very hot morng and a very hot day, chiefly sunny till 1 pm, afterwards hazy close & dappled. Very electric mixed clouds in the eveng, in beautiful Knotty forms. red at sun-set. Very vivid lightning after 8 pm in S, SE, & E, and at midnight a shower with sharp lightning & loud Thunder.	65
Tuesday, Septr 4.	·19 ·25 ·27	E 1 E 2. E 2.	61	70	74	Bright and very hot with curdled clouds, more clouds after 12, and more wind, but very fine: cloudy evening, and a fresh breeze but very warm. — Night clearer.	64
Wednesday, Septr 5.	·29 ·29 ·29	E 2. E 3. E 2.	58	70	75½	Very fine quite clear, no cloud, but a brisk wind and very hot; evening also clear, and a pure golden sunset, neither cloud nor haze. — Unusually fine & hot, and splendid weather for completing corn-harvest. —	60°

September 1849.

1849.	Barometer	Wind	Thermometer out of doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermometer 8 pm
Thursday Septr 6.	30·27 ·27 ·26	NE 2. NE 3 NE 2	55	67	72	Very fine bright & hot. some cirri at 9 & 10 a m, followed by small cumuli, fewer clouds in the afternoon, very fine hot & clear, with a brisk wind. Cloudy eveng & a very little misling at 8 pm.—	60
Friday, Septr 7.	·30 ·31 ·32	NE 2. NE 2 NE 2	53	61	65	Grey clouds and sun. very fine, but much cooler, evening also cloudy, but clearer in the night, and less wind: fine and serene weather.	53
Saturday, Septr 8.	·32 ·33 ·29	NE 1. N 1. N ½.	52	58	63	Grey clouds and sun, very fine and pleasant, but cool. Evening more clouded but fair and very little wind. Night chiefly clear and very much cooler.	53
Sunday, Septr 9.	·02 29·95 ·83	SW 1. SW 3. S 1.	43	60	69	Light clouds & sun; fine and warmer, very bright with small cumuli & more wind after 10 a m, some larger & dark clouds 4 pm, but a very brilliant eveng; and fine night.	57
Monday, Septr 10. □⊙♂	·62 ·57 ·50	S 2. SSW 3 SW 2.	50	64	69	Dappled & electric, but bright and hot till 10 am, then dark & rocky cumuli, a little flying shower 2pm, hazy but fine till 7 pm— afterwards a little rain, and a smart shower at 11pm, close night.	62
Tuesday, Septr 11.	·30 ·22 ·24	SW 1. SW 2. SW ½.	56	63	65	Close & electric, but fair; cloudy more or less and somewhat hazy, with sun at times, rocky on the West horizon during eveng, but bright upwards.— More wind in the night.	57
Wednesday, Septr 12.	·27 ·21 ·25	S 3. S 4 SW 2.	49	61	63	Stormy, flying showers & wind with rocky clouds: squalls of wind and hard driving rain at times till 3 pm: afterwards fair and at 5 pm quite bright. Night fine, in part clear, and lightning in SE.	52
Thursday, Septr 13.	·45 ·75 ·95	W 3. W 4. W 3.	48	56	60	Chiefly cloudy with wind and very little sun, black and heavy clouds, and very cool. Became much clearer after 5 pm, fine eveng, partly bright, but windy & a hazy & mottled sky.—	54
Friday, Septr 14.	30·13 ·22 ·25	W 3. W 2. W 1.	50	62	67	Fine and bright, with light clouds; more clouded during afternoon but fine & less wind: evening cloudy, close, and calm, and the night cloudy but fine.	59
Saturday Septr 15	·30 ·27 ·29	SW 0. SW 1. SSW 0	54	60	64	Calm, cloudy, & fine, clouds darker in the afternoon, and a very little wind at times; evening close, clouded & calm, the clouds lofty and mottled.—	59
Sunday, Septr 16.	·28 ·29 ·33	Var 0. S 1. S 0.	53	64	68	Very fine bright, and calm, exceedingly pleasant and beautiful Autumnal weather; evening cloudy and close.— New moon 4 pm.—	60
Monday. Septr 17.	·41 ·43 ·41	NE 2. N 3. N 1.	53	61	64	Very fine, bright sun & loose cumuli, so continued till 3 pm, then heavy cumulostrati & a few drops at 3½ pm, afterwards fair and a bright evening.— very cool night.—	52

September 1849.

1849.	Barometer	Wind	Thermometer out of doors: lowest	9 a.m.	highest	The Weather & Clouds.	Thermometer 8 pm
Tuesday, Septr 18.	30·37 ·43 ·48	NW 4. NNW 3 NNW 2	47	56	60	Very cool wind, flying clouds & sun, more clouded after 3 pm; evening cloudy, but wind less, and more or less cloudy all night, but fine.—	53
Wednesday Septr 19.	·53 ·53 ·55	NNW 2 NNW 2 N 2.	48	57	63	Cloudy with sun, very fine and drying, but cool. Evening clear, stars bright and very little wind.— Fine night but cloudy at times.	55
Thursday, Septr 20.	·53 ·50 ·44	N 2. N 3. N 1.	48	56	59	Cloudy more or less, and a very cool wind, with scarcely any sun, but fine. Cloudy night & arcs diverging from SE to the zenith. Showers after midnight.	55
Friday, Septr 21.	·32 ·35 ·31	E 3. E 4. E 4.	49	58	64	Short showers at 1, 2, & 5 am, fair and electric, with blustering wind, and some sun; more sun in the afternoon, and wind continued. Heavy clouds in the eveng, a flying shower 7 pm, & wind squally but warm, distant lightning.	60
Saturday Septr 22. △☿♂	·29 ·24 ·22	E 3. ESE 3 E 2.	56	65	67	Very fine and bright with flying cumuli, and a very brisk wind; continued chiefly clear & warm, and the evening clear, with less wind.	54
Sunday. Septr 23.	·15 ·09 ·05	E 2. E 3. E 0.	50	61	65	Heavy clouds, wind & sun; lighter clouds in the day and very fine & pleasant, chiefly sun, but wind more. Eveng quite cloudy, sultry and no wind. Very close night.—	61
Monday, Septr 24	·01 ·00 29·98	Var 0. S ½ W ½.	57	61	63	Gentle rain, very close morng; chiefly rainy till noon, then fine & clearer till 2pm, afterwards changeable, but close and calm; Hard rain from 6½ till 9 pm.—	58
Tuesday, Septr 25.	·98 30·00 ·03	NW 0. Var. 0 E ½.	49	61	67	Foggy morng till 7, very bright day, hot sun and cumulostrati clouds; calm & beautiful. Moonlight eveng, and mist on the vales.—	58
Wednesday Septr 26.	·05 ·04 ·04	E 1. E 2. E 2.	52	62	67	Very foggy early, but a fine sunny day, with cumuli, and gentle wind.— Hazy evening bur round the moon.— cirri upward & wind rising.—	55
Thursday Septr 27.	29·99 ·95 30·00	E 4. E 5. E 3.	54	64	68	Very windy, but bright and very warm, some cirri, and light cumuli but continued bright. Moonlight eveng, and dappled sky.— Fine night.	60
Friday Septr 28.	29·97 ·97 ·97	SE 1. SW 1 SW 0.	57	62	66	Very close morng, & gentle rain, misling at times till noon, but a very bright and hot afternoon, with cirri and cumuli clouds, & very little wind. Evening hazy and moon dim. Light rain during night.	59
Saturday, Septr 29.	·83 ·77 ·74	SE 0. S 1. SW 2	56	64	69	Very close, clouded & a little rain at times; cleared off at noon, sunny and hot afternoon, gentle wind, and loose cumuli. Eveng very sultry, cloudy & little rain with distant lightning.— Much rain during the night.—	63

September 1849.

1849.	Barometer	Wind.	Thermometer out doors lowest	9 a m	highest	The Weather & Clouds.	Thermom. 8 pm
Sunday, Sept.r 30.	29.37 ·33 ·33	SSE 2 SW 3. SW 3.	59	62	65	Showery morng, dark & sultry, heavy storms of rain till noon, afterwards finer and a little sun at times. Cloudy evening and night, little rain at intervals. —	58

Results for September 1849.

Barom.r	Highest on 19th	30·55
	Lowest on 12th	29·21
	Range	1·34
	Mean of Month	30·04

Therm.r	Highest on the 3d	79
	Lowest on 9th a m	43
	range	36
	Mean of Month	60·07!
	Mean daily range	13·61

Number of fine days 24. Prevailing winds East and South-west: depth of rain 2·42 Inches, and Evaporation 3·08 Inches. —

This was a very fine and pleasant month, highly favourable to the Northern harvest, and beautiful for the walks of the observer of nature in all parts of our land. The temperature was above the usual average for the month, and no cold nights occurred. At times plentiful rain fell, but the chief of the month was dry, and the land continued hard. The awful sickness in Town greatly decreased after the 15th, and in the open country, very little of any disease occurred. —

October 1849.

1849.	Barometer	Wind.	Thermometer out doors lowest	8 a m	highest	The Weather & Clouds. —	Thermom.r 8 pm
Monday. Oct.r 1st.	29.57 ·64 ·74	NE 1. NE 1. NE 1.	51	54	58	Very cloudy with frequent misling, the same all day, and the rain rather increased in the evening, and part of the night.	49
Tuesday. Oct.r 2. Full moon 5½ a m	·83 ·84 ·88	NW 1. NW 1. NW 0.	46	50	55	Rain early, fine after 8 a m, bright and pleasant, for some hours, more cloudy at 12 & 1 pm, afterwards more or less cloudy but became quite clear at 5 pm. — Bright moonlight eveng, mist on vales.	45
Wednesday Oct.r 3.	·62 ·48 ·40	NE 1. SE 1. SW 5.	38	43	62	Frosty till 1 a m, then clouded, rainy more or less all day, and a heavy driving storm at 5½ pm, afterwards clear mild & dappled sky. Much warmer suddenly after 1 pm, — and wind squally.	57
Thursday Oct.r 4.	·20 ·31 ·45	W 0. NW 2. NW 2.	51	55	58	Rainy, close & dark, but no wind: finer at noon, little wind, and sun, again lowering after 1 pm, some rain at times, and also in the night. —	49
Friday, Oct.r 5.	·78 ·83 ·88	W 3. W 3. W 5 2. 1. 0.	39	43	55	Clear & cold morng, continued bright with small cumuli & more wind; - a dark cloud rising West 4 pm and came on at 5 - a hard driving shower, and gale, afterwards fair and less wind. —	45

October 1849.

1849.	Barometer	Wind.	Thermometer out doors lowest	8 a m	highest	The Weather & Clouds.	Thermom. 8 pm
Saturday Oct.r 6.	29.75 ·83 ·87 ·84	W 1. Var 0. SE ½.	42	45	53	Fine and bright with cumuli clouds, so continued till 4 pm - afterwards more hazy and thick. Rain at times during the night, and wind rising. —	46
Sunday. Oct.r 7.	·43 ·40 ·35	SE 2. SE 1 NE 3.	44	54	59	Cloudy & rainy morng, and at times the same all day, dark and lowering but warm: Eveng and night showery and more wind but chiefly Northward. —	55
Monday, Oct.r 8.	·62 ·81 ·92	N 3. NW 4 NW 2	49	53	55	A little rain early, but the day chiefly fine, windy & some sun, with cumuli clouds. Clear evening and night, and rather inclining to frost during night. —	46
Tuesday Oct.r 9.	30.12 ·09 ·05	NW 1 WNW 1 NW 0.	37	40	53	Clear & hoar frost, very fine sunny day, but more clouds after 1 pm, evening and night calm, clear, and frosty throughout, and some haze below.	42
Wednesday, Oct.r 10.	29.96 ·95 ·88	NW 0 Var. 0. NE 0.	35	41	54	Very white frost on the valleys, clear & calm continued clear, very fine bright and pleasant very few small clouds, and a lovely Autumnal day: rather more cloudy & electric at 4 pm, but a bright Star-light eveng	44
Thursday Oct.r 11.	·70 ·68 ·66	E 4. E 5. E 5.	37	46	54	Heavy rocky clouds, with cirri above & some dappled clouds, boisterous wind, and sun at times. Very drying but cold. — Windy also in the eveng, & very heavy dark clouds.	47
Friday, Oct.r 12.	·68 ·71 ·76	E 3. E 5. NE 3.	44	47	53	Much cirrus and white haze, drying wind and sun; fine till 1 pm, afterwards showery A brilliant Parhelion North of Sun at 4½ pm much cirrus and mixed clouds, but a fine evening. — Stormy night. —	43
Saturday Oct.r 13.	·85 ·90 30.02	NE 5. NE 5 NE 4	41	43	47	Gale at 1 a m driving rain & strong NE wind with little intermission all day, but the rain was showery & not heavy. Evening finer, and the night chiefly fair.	43
Sunday, Oct.r 14.	·12 ·16 ·21	E 3. E 5. E 3.	40	45	52	Bright sun, flying cumuli, and rough wind but drying and pleasant, evening more cloudy, and at 8 pm, a squall of wind & trifling rain, night fine and wind less.	43
Monday, Oct.r 15.	·20 ·22 24	E 4. E 4. E 2.	39	45	53	Bright and windy with flying clouds: very fine and drying day; clear evening and night, and much less wind.	44
Tuesday, Oct.r 16.	·20 ·18 ·12	E 2. E 1. SE 1.	37	45	54	Very fine and clear, a beautiful sunny Autumnal day throughout: evening also clear but the night foggy after 10 pm. New moon 5 a m. —	43
Wednesday Oct.r 17.	·02 ·03 ·06	SE 0. SW 2. SW 3.	41	53	65	Foggy and little rain 8 a m, afterwards bright and hot with light electric clouds, more hazy after 2 pm, cloudy & sultry eveng.	58
Thursday Oct.r 18.	·16 ·28 ·33	SW 1. SW 2. SW 1.	53	58	66	Exceedingly fine, very bright, and hot with a gentle wind, lovely autumnal weather clear evening and night, and no wind.	57

October 1849.

1849	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	The Weather & Clouds.	Thermom. 8 pm
Friday. Oct. 19.	30.25 .13 .02	S E 1. S E 2. S E 3.	48	52	64	Fog till near 8, then very bright all day and hot for the season; became hazy after 4 pm, and the evening cloudy and close. – Cloudy and very sultry night.	57
Saturday Oct. 20.	29.92 30.07 .06	SSW 2. W 1. WNW 1. W 0.	55	62	64	Close & very sultry morng, clearer after 11. very fine and warm, beautiful day, and much sun after 1 pm. Eveng more cloudy and a red range of cloud with small rocky heads across the East at 5½ pm. –	53
Sunday, Oct. 21.	29.94 .87 30.01	SW 0. SW 1. W 1.	51	55	58	Overcast sultry and gentle rain at times, during the morng, finer & clearer from 11 am till 1 pm. then very rainy from 2 till 4, afterwards fair & some sun. Night clear.	50
Monday, Oct. 22.	30.22 .19 .15	S W 1. S 1. SSE 3.	41	48	59	Clear morng, and chiefly bright till 2 pm afterwards at times hazy. Evening very cloudy, warm, and windy. Close and cloudy night.	55
Tuesday, Oct. 23.	.20 .22 .23	SW 2. SW 3. SW 3.	54	57	65	Hazy and close, but fair, clearer and sun at times, very fine and sultry air for the season, fresh breeze, and thin clouds. Cloudy and close evening. –	59
Wednesday, Oct. 24.	.23 .20 .22	SW 3. SW 3. SW 2.	54	57	66	Cloudy and sultry with red tints over all the morng sky, became clearer at 10 am very bright and hot from 11 am, and light sheets of dappled cloud. Evening hazy	59
Thursday Oct. 25.	.15 .07 .02	S 3. SW 3. SW 3.	52	57	64	Cloudy morng, became clear, very fine and warm with soft breezes and dappled sky. a little haze with a few drops at 2½ pm but again bright, red dappled sunset. – very close night.	60
Friday, Oct. 26.	29.90 .92 .95	SW 2. W 2. NW 1.	55	58	60	Very mild with little rain at times, but chiefly fine and bright: evening clear and very little wind, but the night became cloudy. –	50
Saturday, Oct. 27.	30.02 .05 .15	SW 1. W 0. W 1.	47	52	58 to 60	Cloudy & little wet at times: close and sultry, and very little or no wind. Eveng fine & clearer, but much warmer than the day! The highest was at 9 pm.	59
Sunday. Oct. 28. △ ☉ ☌	.37 .45 .57	W 2. W 2. NW 1.	55	58	63	Very sultry & foggy early, fine lovely day chiefly sun, and very warm summer-like air. Eveng also beautiful, dappled sky and moon bright.	54
Monday, Oct. 29.	.77 .75 .67	S E 1. SSE 1. S E 1.	42	46	57	Clear morng, fine and sunny day, thin dappled clouds, and very little wind. A beautiful sky all the eveng, silvery dappled clouds finely divided. Night chiefly clear, and no wind after 9 pm	48

☞ Unusually fine and warm for many days past. –

October 1849.

1849.	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	The weather & Clouds.	Thermom. 8 pm
Tuesday Oct. 30	30.43 .30 .20	SSE 1. S 2. S 2.	43	48	59	Clear morning, and the whole day exceedingly fine, bright & warm, very gentle wind, and scarcely a cloud seen. Hazy evening but fine.	50
Wednesday Oct. 31.	29.90 .78 .70	NW 1. Var 0 S E 0 Var 0	48	50	54½	Very fine, but cloudy, cleared off about noon, very bright, calm and pleasant afternoon, and a very bright moonlight evening. – Full moon 4¾ pm: no wind all the p.m. mist on the valleys.	44

Results for October 1849.

Barom.	Highest on 29th	30.77	Thermom.	Highest on 18th & 24th	66°.
	Lowest on 4th	29.20		Lowest on 10th	35.
	range	1.57		Mean of month	51.75
	Mean of Month	29.997		range	31.
				mean of first 16 days	48.2
				mean of last 15 do	55.45 !
				mean daily range	12.5.

Fine days 21, Depth of rain 3 Inches, Evaporation 2.49 Inches. – Prevailing winds SW, W, & E to SE, but much divided.

This was altogether a very fine warm and pleasant month especially towards the close; plentiful rain in the former part, to admit the plough, and lovely weather afterwards for the wheat-seed-time. Much less sickness this month, and the Pestilence ceased in Town.

November 1849.

1849	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	The Weather & Clouds. –	Thermom. 8 pm
Thursday Nov. 1st.	.63 .70 .76	S E 1. S E 1. S E 0	40	47	56	Cloudy but soon bright, very fine and pleasant, with cumuli & some small electric clouds, evening rather hazy, but very fine, and mild for the season. –	48
Friday, Nov. 2.	.80 .78 .75	S E 0. S E 0. E 0.	37	39	57	Fog below, clear above, very fine and warm with bright sun all day, and no wind; Fine & calm eveng, some haze but moon bright.	44
Saturday, Nov. 3.	.66 .59 .52	NE 1. NE 1. E 0.	38	43	56	Very foggy till 11 am, then clearer with sun and grey clouds, very fine and mild. – Calm and mild evening, and rather foggy. – Mild night and more fog. –	50
Sunday, Nov. 4.	.35 .30 .23	S E 2. S 3. SW 4.	45	47	57	Foggy, but soon clearer more or less cloudy and a very little misling at times, dark and misling evening, squally night but clear after 10 pm.	52

November 1849.

1849.	Barometer	Wind	Thermometer out doors lowest	8 am	highest	The Weather & Clouds.	Thermometer 8 pm
Monday, Nov 5.	29·16 ·21 ·37	SW5 SW6 WSW3	41	45	53	Very fine and bright with boisterous wind till 3 pm – then some heavy clouds, and a little flying shower. Clear evening and night, wind less. Distant lightning E.	44
Tuesday Nov 6.	·61 ·69 ·79	WSW3 W3 W3	39	42	50	Quite clear, very fine and bright, with a drying breeze, some dark clouds at eve, but a clear night with cold wind, and sometimes rather boisterous.	43
Wednesday Nov 7.	30·16 ·08 ·03	W3 SSE3 S3	35	39	56	Hazy and more so after 9 am, little snow and sleet, followed by rain; overcast all the afternoon much warmer, and very little rain at times. Evening still warmer than before highest Therm 10 pm. Close night.	54
Thursday Nov 8.	·33 ·37 ·42	SSW3 W3 W3	53	57	61	Very mild, and lightly cloudy, continued fine and very warm with thin clouds, and little gleams of sun. Evening and night also mild and cloudy.	55
Friday, Nov 9.	·43 ·42 ·40	SW2 SW3 2.1 SW0	53	55	58	Cloudy but very fine and warm, fresh breeze at times; but no wind after 3 pm. calm evening, and night, and chiefly clouded over & very mild. –	52
Saturday Nov 10.	·35 ·34 ·33	SW1 W1 W0	50	54	57	Light clouds cirri, and sun, very fine mild, and pleasant. Evening calm and partially cloudy, and the night rather cloudy.	49
Sunday Nov 11.	·34 ·37 ·33	SW1 SW1 SW1	44	47	59	Very fine bright & pleasant, so continued all day; rather foggy below at and before sunset; fine evening stars bright, but little fog below. –	52
Monday, Nov 12.	·26 ·20 ·12	SW1 SW1 SW1	37	38	50	Fog below, clear & bright upward, very fine and continued chiefly bright, but more or less foggy below. Evening thick fog and most of the night.	44
Tuesday Nov 13.	·00 29·93 ·90	SW2 SW4 W1	44	47	57	Grey clouds and sun, very fine till after 12: dark and windy afternoon, rain at times and very distant Thunder: rosy sunset, and clear evening; night fine.	49
Wednesday Nov 14.	·82 ·70 ·65 ·69	SW3 W4 W1	45	48	54	Squally & showery till 3 pm, then less wind and again much clearer. red sun-set, clear evening and night with a little hoar frost on the valleys. New moon 9 pm.	40
Thursday Nov 15	·65 ·67 ·78	W3 W3 W3	37	40	47	Clear till after 9 am, then stormy, with little flying showers and sun at times, but chiefly fair with stormy clouds at a distance. Night mostly clear.	40
Friday, Nov 16.	30·00 ·05 ·75	NW3 NW5 N5	38	40	49	Clear, bright sun, cumuli, and very drying wind: hasty flying shower 2½ pm. and heavy short storms at times, all the evening.	40
Saturday Nov 17.	·23 ·30 ·35	NW1 NW1 NW0	34	36	47	Very fine and bright with small cumuli, but at 8 am a rainbow & distant shower – but became soon very fine. – Evening clear and little frost as in the morning. –	35

November 1849.

1849.	Barometer	Wind.	Thermometer out doors lowest	8 am	highest	The weather & Clouds.	Thermom 8 pm
Sunday Nov 18.	30·23 ·16 ·10	SW2 SW2 SW3	34	41	52	Hazy & much cirrostrati followed by rain at times all day and evening: and much warmer after 7 pm than before – Therm highest about 9 pm. –	50
Monday Nov 19.	·07 ·11 ·18	NW3 N2 NE1	47	50	51	Cloudy & mild but cooler after 8 am – wind veered about, chiefly cloudy with sun at times but fine; evening and night fine, cloudy, and very little wind.	46
Tuesday, Nov 20.	·23 ·21 ·23	NE0 NE0 E0	44	44	52	Cloudy, calm & mild; very fine & pleasant day chiefly clouded with thin clouds, and no wind. Evening also calm & mild, grey clouds, and little moonshine at times.	47
Wednesday Nov 21.	·22 ·20 ·19	SE2 SE2 SE1	44	45	49	Cloudy and mild, with a fresh breeze, more sun in the afternoon – and very fine, evening cloudy, & less wind: and the night fine but cloudy at times.	43
Thursday Nov 22.	·05 29·96 ·90	SE0 SE1 SE2	40	41	46	Calm and cloudy, less cloudy after 2 pm, little sun & rather more wind. Cloudy evening, at times calm, and at others more wind but very fine.	39
Friday, Nov 23.	·78 ·68 ·57	SE2 SE2 S4.5	32	35	46 to 50	Very white frost – fine cloudy and drying day, fresh breeze and very little sun: darker at 5 pm, followed by rain from 6 pm – strong gale & hard rain till 10 pm – and the highest Thermom 9 pm 50° (during afternoon 46 only)	48
Saturday Nov 24.	·43 ·44 ·47	W1 NW0 NW0	38	39	46	Chiefly clear but cirri upward, very fine sunny day, and no wind; clear and frosty evening and night. Foggy below.	33
Sunday. Nov 25.	·48 ·48 ·55	N0 N0 NE0	31	32	42	Fog and hoar frost, hazy more or less and some sun but not bright, and became very foggy from 5 pm all the evening. – Night less foggy and little frosty. –	34
Monday, Nov 26.	·90 30·05 ·15	ENE3 ENE2 ENE1	33	33	38	Very fine with grey clouds and sun, very cold wind, and a little snow at evening – snowing fast at 10 pm, and sharp frost all night.	32
Tuesday, Nov 27.	·17 ·22 ·21	NE1 NE1 NE0	27	28	37	Sharp frost, very bright day but cold, and after 3 pm, some clouds with showers of snow till after 4, evening chiefly fine and clear, with sharp frost.	30
Wednesday Nov 28.	·10 ·05 ·05	NW0 NW1 W0	28	30	37	Very fine & clear, frost continues: chiefly bright all day & very brilliant sun-set, evening clear till 8, then more cloudy at times, but clear & sharper frost during night.	29
Thursday Nov 29.	·05 ·08 ·12	S2 S3 S3	25½	32	38½	Very cold wind & sharp frost, more cloudy and less frost but very cold & more wind. Evening clearer, and frost continues. Night hazy & less frost.	31
Friday, Nov 30.	29·96 ·87 ·87 ·92	SSE4 S4 SW0	31	37	43	Overcast wind & hard rain till 3 pm, then fine, wind ceased, but very foggy and dark: clearer after midnight, and become rather frosty.	43

Full moon 3 am.

Results for November 1849.

Barom Highest on 9th	30·43	Thermom Highest on 8th	61°
Lowest on 5th	29·16	Lowest on 29th	25·5
range	1·27	range	35·5
Mean of month	29·94	Mean of month	44·66
		Mean daily variation	11·70

22 fine days. – rain 1·62 Inches, Evaporation 1·09, and the prevailing winds SW, W, & SE, but the rest much divided.

This month was mostly very fine and often mild and pleasant in these parts, but in North Britain some wintery weather early this Autumn – even in October during our very warm days! –

December 1849.

1849.	Barometer	Wind	Thermometer out doors lowest	8 am	highest	The Weather & Clouds.	Thermom 8 pm.
Saturday Decr 1st	30·07 ·13 ·17	NW 1. NW 1. W 0.	35	37	47	Very fine, bright and pleasant, with a little white frost morng & evening: hazy & moon dim after 8 pm. – Change during the night.	34
Sunday, Decr 2.	29·95 ·81 ·70	SSW 3. SSE 3. SSE 4.	34	43	49	Overcast & rain continually, and mostly hard. more wind in the evening still rainy, but mild air. Night colder, and almost continual rain. –	45
Monday. Decr 3.	·62 ·67 ·70	E 3. E 3. ENE 3	39	39	42	Overcast and dark with rain at times and a cold wind. Great floods in the marshes. – Night finer and wind less.	37
Tuesday, Decr 4.	·63 ·59 ·59	N 1. N 2. NE 1.	32	33	38	Cloudy, with snow at times, chiefly cloudy all day and almost continual gentle snow, night fine & clearer with hard frost.	33
Wednesday Decr 5.	·57 ·48 ·50	SE 1. SE 5. SE 4.	28	31	48	Hard white frost in the morng, became overcast and rainy with boisterous wind from 11 am, till night. The rain hard at times. – Became fine after 9 pm, and the wind ceased soon after. –	48
Thursday, Decr 6.	·77 ·85 ·95	SE 1. SE 1. SE 1.	40	42	52	Very fine and bright, gentle wind and mild atmosphere; clear yellow sunset and fine starlight eveng. Night cloudy at times. –	42
Friday, Decr 7.	·84 ·73 ·64	SE 3. SE 4 SE 4.	40	43	49	Many flying clouds, boisterous wind, and sun, but fine and mild. Eveng very windy and cloudy. Stormy and very blowing night, rain at times.	44
Saturday Decr 8.	·47 ·61 ·77	SSE 2. S 0. SW 1.	41	43	48	Very dark & wet till 11 am, afterwards fair with sun, and flying clouds. Fine starlight evening, and no wind. –	41

December 1849.

1849.	Barometer	Wind	Thermometer out doors lowest	8 am	highest	The Weather and Clouds.	Thermom 8 pm.
Sunday Decr 9.	29·99 30·03 ·11	W 0. W 1. W 0	32	33	43	Little frost and much fog, but sun visible, a bright bow at 3 pm on the fog opposite to the Sun. – Very foggy evening and night.	33
Monday Decr 10.	·22 ·21 ·22	NW 0 NW 0. NW 0.	33	34	42	Thick fog; continually foggy & dark – with a little rain at times. Evening and night also foggy and rainy. –	41
Tuesday, Decr 11.	·23 ·20 ·18	NE 1. NE 3. NE 4	35	36	41	Cloudy with a little snow and rain at times. cold, dark, and unpleasant. – More wind in the evening. Night fine and cold, some clouds & wind.	36
Wednesday Decr 12.	·17 ·09 ·07	E 3. E 3. E 2.	33	33	35	Grey clouds & sun, with a very cold wind freezing all the day, and more so after 3 pm. Cloudy eveng, wind less. –	31
Thursday Decr 13.	29·98 ·98 30·00	ESE 2. SE 2. SE 3.	31	34	36	Cloudy & dark with a freezing air, more wind in the evening, and still very cloudy and dark. – Milder during night and very foggy. –	34
Friday, Decr 14.	29·97 ·96 ·88	S 2. S 2. SSW 2.	35	43	55	Dark, foggy, and very mild, with a little rain at times. New moon 3½ pm. very warm night and Thermom highest near midnight.	51
Saturday Decr 15.	·98 ·82 30·02	SW 2 SW 3. SW 1.	49	54	56	Cloudy and very mild, with some rain at times, and gusts of wind. Eveng finer and wind much less. Night fine and clearer at times.	49
Sunday, Decr 16.	·04 ·01 29·94	SW 3. SW 4. SW 1	43	48	55	Fair and sunny, with flying clouds, evening more cloudy, much rain nearly all the night, and squalls of wind at times.	48
Monday Decr 17.	·61 ·73 ·89	W 2. NW 5. NW 4.	47	50	51	Hard rain till 9 am, great floods on the valleys; fine after 9, with sun, and boisterous wind. – Eveng & night chiefly fine but much cloud. –	46
Tuesday, Decr 18.	·79 ·62 ·48	SW 3. SW 3. SW 3.	43	48	54	Overcast with stormy rain at times, and very hard about noon. Finer and clearer after 3 pm. Dark windy & mild eveng. Strong wind all night. –	52
Wednesday, Decr 19.	·83 30·16 ·26	W 6. NW 5. NW 2.	43	44	47	Strong wind & storms of rain at times very stormy & rough till sunset: evening finer, and wind much less. – Night rather squally.	39
Thursday Decr 20.	·26 ·28 ·30	N 2. N 2. N 1.	34	36	43	Frequent showers of rain & snow with some hail, and sun at times, very squally cold & unpleasant. Eveng fine and clearer. –	38
Friday, Decr 21.	·52 ·57 ·61	NE 2. NE 3. NE 1.	32	33	36	Very heavy falls of snow in frequent storms, heaviest at noon, finer afternoon sun at times, but freezing in the shade. Dark clouds & sleet in the evening.	30
Saturday, Decr 22.	·63 ·62 ·62	NE 2. NE 1. NE 3.	29	30	35	Chiefly clouded over, with snow at times, and in the evening more wind & less cold: but clearer and frost after midnight.	34

December 1849.

1849.	Barometer	Wind	Thermometer out doors lowest	8 am	highest	The Weather & Clouds.	Thermom[r] 8 pm.
Sunday. Dec[r] 23.	30·68 ·67 ·59	NE 1. NE 1. NE 1.	26	26	38	Clear except a few small loose cumuli, very fine & sharp frost. Evening very fine, fleecy clouds and continued frost with very little wind.	31
Monday. Dec[r] 24.	·46 ·44 ·49	W 1. W 1. NW 0.	28	30	37	Very hazy, hard frost & a little snow in the forenoon. foggy & dark afternoon – Even[g] cloudy, little rain at times. Night finer and little frost.	37
Tuesday. Dec[r] 25.	·61 ·54 ·50	W 0. NW 0 W 1.	31	32	38	Hazy with cirrostrati, but fine & frosty continued hazy but fair; evening very thick & hazy, some fog, and no frost, but slight rain at times.	37
Wednesday Dec[r] 26.	·18 ·04 29·95	W 1. W 2. W 2.	34	36	43	Very foggy till noon, afterwards clearer but still cloudy. – Dappled evening and rather mild, but colder after midnight. – Stormy & windy at times.	40
Thursday. Dec[r] 27.	·50 ·43 ·44	NW 5. NW 5. NW 5.	34	34	41	Squall with rain at 3 am. Clear morn[g], and bright all day, with a cold drying wind. Even[g] clear moon-light, and keen wind-frost, which increased in the night.	31
Friday, Dec[r] 28.	·30 ·32 ·50	NW 6. NW 6 NW 4.	22	22	29	Storm of snow at 5 am, very sharp wind-frost, and hazy sky, snow from 9 till 10 am – afterwards fair, strong piercing wind, and severe frost all day. Excessive cold day. – Clear at 8 pm. moon bright.	24
Saturday. Dec[r] 29.	·50 ·58 ·65	NW 4. NW 3. NW 2.	22	27	36	Severe frost but much abated after 3 am – frequent storms of snow and hail, with gentler frost. Heavy snow 2 pm. and at times during even[g]. Full moon 2 pm. –	30
Sunday, Dec[r] 30.	30·04 ·12 ·25	N 1. N 1. NE 1.	30	31	39	Continued gentle snow early, & less frost, fine after 9 am; but frequent snow in the afternoon and evening, with gentle frost.	32
Monday. Dec[r] 31.	·35 ·35 ·34	NW 2. NW 2. NW 2.	28	30	39	Frost and frequent flights of snow, and hail, finer after 1 pm, but more cloudy, and a very red streaked sun-set & clouded even[g].	33

Highest Barometer on 23[d] — 30·68
Lowest do — on 28th — 29·30
range — 1·38
Mean of Month — 29·997.

Thermometer Highest on 15th 56°.
Lowest – on 28th — 22°.
range — 34
Mean of month — 38·79
And Mean daily variation was exactly 9 degrees.

Fine days 11 in number
Winds most NW, SE & NE.
Rain 3 inches 6 tenths.
Evaporation ·85 of an Inch. –

Remarks on December 1849.

This month was very wet till about the 20th, afterwards cold and frosty, but there was but little sickness in these parts. –

Summary Results for the year of our Lord. 1849.

1849.	E	W	N	S	NE	SE	NW	SW	Prevalent winds	fine days.	rain	Evaporation	Mean Pressure	Mean temperature.
	Monthly division of winds.									General Results. –				
Jan[y].	3	7	1	4	2	3	4	7	W & SW.	22	1·95	1·17	29·93	40°·06
Feb[y]. –	0	11	1	0	0	3	6	7	Westerly.	20	1·29	1·63	30·26	44·03
March	2	5	1	1	5	7	8	2	NW & SE	23	·73	2·37	30·10	43·66
April –	2½	0	1	4	6	7	5½	4	SE & NE.	16	1·59	2·65	29·76	46·53
May –	2	5	0	5	8	6	3	2	NE. SE. S & W.	18	4·93	3·46	30·01	55·98
June	5	7	2	0	4	5	5	2	W. NW. & E[t].	22.	1·14	4·18	30·11	59·35
July –	1½	8	0	2	6	2	1	10½	SW. W & NE.	20	3·26	5·10	30·04	62·87
Aug[t].	1	11	1	2	0	5	8	3	W & NW.	24	·64	4·66	30·09	63·45
Sept[r].	9	3	3	4	2	1	2	6	E & SW.	24	2·42	3·08	30·04	60·07
Oct[r].	5	5½	1	2	2	4½	4	7	Much divided	21	3·00	2·49	29·99	51·75
Nov[r]. –	0	5	2	4	4	5	4	6	Ditto.	22	1·62	1·09	29·94	44·66.
Dec[r].	2	3	3	1	4	5	9	4	NW.	11	3·60	0·85	29·99	38·79.
1849. –	33	70½	16	29	43	53½	59½	60½	Westerly	243	26·17	32·73	30·02	50·93.

The hottest day was Sunday the 8th of July, Th[r] 89°, and the coldest was the 28th of December, Th[r] 22°.

The lowest Barometer was on January 10th 29·04.
The highest — February 11th 30·90.!

General Observations on the Year of our Lord 1849.

The main features of this year were a very fine and mild winter with pleasant & bright days in February;
2nd. – A very wet month of May;
3rd. – A very fine summer, and beautiful time for the corn-harvest;
4th. – A mild and pleasant Autumn.
5th. – A wet and cold December.

as observed by –

Orlando Whistlecraft.

January 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	The Weather & Clouds. –	Thermometer 8 pm
Tuesday Jan.y 1.	30·35 ·28 ·28	NW 1. NW 1. NW 2.	27	28	37	Hard frost, but more or less cloudy, less frost after 9 am, chiefly hazy and cloudy and more so in the evening. but clear for a while after 9 pm.	34
Wednesday Jan.y 2.	·30 ·30 ·31	W 0. Var 0. SE 1.	29	30	38	Cloudy and foggy; more foggy from 10 am – and continued so till 6 pm, afterwards less fog, more or less clouded all night, and very little frost.	34
Thursday Jan.y 3.	·28 ·18 ·10	S 2. SSW 3 SW 3.	32	33	41	Cloudy, little snow afterwards rain at times, and very dark and overcast, and some rain during night, thaw continueing with increased warmth all night.	40
Friday. Jan.y 4.	29·80 ·61 ·49	W 1. SW 1. SW 3.	40	41	44	Mild and cloudy morng, fine day and clearer, sun at times, with mottled cirrostrati. Eveng stormy, squalls and showers, but a fine frosty night after 10 pm. –	44
Saturday, Jan.y 5.	·47 ·50 ·53	NW 2. NW 2. NW 2. 1 · 0	32	32	40	Fair and bright all day. keen wind frost; only dissolving in full sun: very hard frost in the evening, and no wind after 10 pm. –	32
Sunday, Jan.y 6.	·55 ·61 ·67	NE 0. NE 0. NE 0.	25	26	38	Hard frost and very white. Bright and calm all the day, and the eveng calm, stars very bright, and continued frost; – very little change all night. –	28
Monday, Jan.y 7.	·92 30·10 ·18	N 1. N 1. N 0.	25	31	38	Hard frost, some clouds and sleet in the morng, very fine day, grey clouds & sun. Some rocky clouds at a distance. Evening clear & sharp frost. –	28
Tuesday, Jan.y 8.	·37 ·40 ·42	N 1. NE 1. NE 1.	26	31	38	Hard frost, but cloudy and sleet at times less frost in the eveng, little wet and sleet together. Snow during the night with gentle frost. –	33
Wednesday Jan.y 9.	·29 ·23 ·20	NE 0. NE 0. NE 0.	31	33	36	Overcast and dark, with gentle snow at times. more snow in the evening and scarcely any wind. Gentle snow at times during night.	32
Thursday, Jan.y 10.	·00 29·90 ·87	NE 0. NE ½ NE 0.	31	32	35	Continual gentle snow, very dark, and but little wind: dark & clouded eveng but fine. Calm and cloudy night. –	31
Friday, Jan.y 11.	·90 ·88 ·87	E 0. E 2. E 3.	29	30	34	Cloudy, continued frost and a little snow at times. More wind after 3 pm increasing all the eveng. some snow also during the night.	30
Saturday, Jan.y 12.	·99 30·03 ·05	E 1. E 1. E 2.	28	30	34	Continual snow more or less, and at times very fast; rather sharper frost in the morng, and after 4 pm. – Fine night and severe frost, but cloudy.	29
D. 11 am. Sunday Jan.y 13.	·12 ·14 ·08	ENE 2. ENE 1. ENE 4	25	26	30	Cloudy & severe frost, clearer at noon, and quite clear from 1 pm. severe frost continued: bright sunset. Therm. 22 at 6 pm. but rose again, with wind & clouds at 8.	22
Monday Jan.y 14.	29·92 ·87 ·80	E 5. E 6. E 6.	22	28	31	Cloudy continual frost, and piercing gale of wind all day, increased in the evening, and a few flakes of snow at times: a very rough and bitter day.	28

January 1850.

1850.	Barometer	Wind	Thermometer out doors, lowest	8 a.m.	highest	Natural observations	Thermom. 8 pm.
Tuesday, Jan.y 15.	29·58 ·50 ·47	ENE 6 ENE 4 NE 2.	23	23	26	Cloudy, piercing wind, continued severe frost, and some snow at times after 12 noon: less wind at eve, but cloudy sleet, and severe frost. Fine cloudy night.	24
Wednesday Jan.y 16.	·52 ·57 ·61	NE 1. NE 1 NE 1	24	31	34	Overcast & fog in the morng: less frost, but more again pm, little snow cloudy but no fog. Evening cloudy. Gentler frost and very cloudy night. —	29
Thursday, Jan.y 17.	·85 ·95 30·00	N 1. N 0. N 0.	29	33	38	Dark and cloudy, much less frost, and a little sleet and snow at times. Fine night but chiefly overcast, and some fog. —	33
Friday. Jan.y 18.	·05 ·00 29·98	W 1. SSE 1. SE 2.	27	28	36	Frost fog and rime. Snow from 2 pm very heavy and increasing all the afternoon and evening. Several inches in depth at 8 pm. Change with rain and thaw after 9, and a dripping night.	32
Saturday Jan.y 19.	·50 ·53 ·81	E 0. NE 2. NE 2.	31	34	38	Rain and thaw most of the forenoon fine afternoon but cloudy, gentle frost in the evening. Sharper frost, and considerable snow in the night.	32
Sunday, Jan.y 20.	30·11 ·23 ·25	E 3. NE 3 NE 2.	26	27	30	Cloudy, sharp wind, and increase of frost, a few flakes of snow at times. Eveng also cloudy and sharp frost. —	26
Monday. Jan.y 21.	·40 ·42 ·48	NE 1. SE 1. SE 0.	25½	26	31	Cloudy, constant sharp frost, and very little wind; evening and night fine, and the frost much sharper after midnight, thinner clouds & no wind.	27
Tuesday, Jan.y 22	·55 ·53 ·52	SW 0. SW 1. W 1	19	21	33	Thin clouds with haze, very severe frost, and no wind, some sun in the afternoon — afterwards foggy, and less frost. —	28
Wednesday. Jan.y 23.	·48 ·46 ·44	NW 2. NW 2. SW 1.	28	35	40	Very foggy and thaw all day after sun-rise, wind veering about the west. Evening closer and still thawing. — Foggy night and no frost.	35
Thursday Jan.y 24.	·41 ·35 ·29	W 1. W 2. W 2.	34	35	39	Thick fog all day, and a fresh breeze at times. the evening also foggy, and thaw continues. —	33
Friday. Jan.y 25.	·05 29·91 ·87	SW 3. SW 4. SW 4.	31	34	48	Little frost early, but soon milder, flying clouds, wind and mild day. — Eveng hazy, and haloes round the moon. very windy & stormy rain during night.	43
Saturday Jan.y 26.	·35 ·46 ·75	W 7. NW 8 NW 2 NE 3.	43	52	52	Violent gale till after 10 am, then abated fast: dark clouds & sun till noon, afterwards overcast dark, and heavy rain, till near 3 pm, and at 5 the wd veered to NE, squalls & sleet during evening. The Thermr was highest from 7 to 9 am, then continued falling all day. —	34

January 1850.

1850	Barometer	Wind	Thermometer out doors, lowest	8 a.m.	highest	Natural occurrences.	Thermom. 8 pm.
Sunday, Jan.y 27.	30·52 ·57 ·54	N 0. W 1. SW 1. S 2.	28	29	39	Clear & frosty morng, very bright all the day, and hard frost in the evening; several concentric & coloured haloes about the moon and at 8 pm light clouds & little wind coming on. — Wind and rain after 12 but freezing still	29
Monday Jan.y 28.	·05 29·91 ·87	SSW 4. SW 4 SW 4.	29	32	50	Freezing rain in sudden little showers, with squalls all the morng, stormy all day, but milder and more rainy. Thermomr rose all the eveng. Full moon 1 am. — very mild night, storms of rain at times.	47
Tuesday, Jan.y 29.	·93 ·96 30·10 ·18	NW 2. NE 1. NE 1. & 0.	43	45	48	Storms of rain early, fine mild sunny day, light fleecy clouds, and gentle wind. Hazy evening, but frosty and no wind. Clearer night and hoar frost. —	34
Wednesday Jan.y 30.	·31 ·40 ·42	E 0. ESE 1. E 0. E 0.	30	31	42	Clear and very white frost, bright all day, with a few small clouds, evening very clear, and hard frost. Clear night and continued hard frost.	30
Thursday Jan.y 31.	·27 ·19 ·10 29·99	SE 2. SE 4. SE 5. S 5.	28	29	38	Hard frost but hazy with much cirrus and plane cirrostratus, windy cloudy and very cold afternoon, little sleet, and snow at times. Squally with much rain in the night, and became much warmer.	33

Results for January 1850.

Barom.r	Highest on 27th	30·57	Thermom.r	Highest on 26th	52°
	Lowest on 26th	29·35		Lowest on 22d	19
	range	1·22		range	33
	Mean of Month	30·04		Mean of month	33·49
				Mean daily range	8·56

Rain 1·81 Inch. fine days 18. Prevailing wind NE.

This was a severely cold month with little intermission throughout, and much snow at times, the mean temperature was lower than that of any month since December 1846, in this part of England, but as the sky was much clouded by vast bodies of vapour, the nocturnal radiation was very fitful all the month, or the cold would have attained a more violent extreme. —

February 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Occurrences.	Thermom 8 pm
Friday, Feby 1st.	29·87 ·75 ·71	SW 1. SW 4 SW 6.	34	45	57	More or less cloudy, and a little flying rain at times, windy afternoon, and very mild. Evens also windy and less cloudy.	52
Saturday Feby 2nd.	·87 ·85 ·82	SW 3. SW 5. SW 5. 6.	46	50	57	Flying clouds and sun, windy but very mild. Aconite in flower, snowdrop and crocus appearing. Cloudy mild and windy evens: and very windy night.	52
Sunday, Feby 3.	·87 ·90 ·90	SW 4 WSW 5. WSW 4	43	45	52	Very fine, bright and windy, drying day and mild with some flying clouds, but none after 2pm & till 5pm. Evens at times rather cloudy & less wind. — Starlings noisy on tall trees. —	43
Monday, Feby 4.	30·05 29·97 ·89	W 2. W 2. SW 1.	35	35	49	Very fine and bright, with gentle wind more clouded and hazy after 4 pm and in the evening somewhat cloudy but chiefly fine. Skylark soaring to day.	39
Tuesday. Feby 5.	·71 ·50 ·19	SW 3. SW 4. SSW 6 SW 8.	38	42	48	Cloudy & stormy morns, sudden storm of rain at 9, fine & sunny in the middle of the day, afterwards clouded and the evens very windy with rain. Violent gales & driving rain & hail at 10 pm, and hurricane all night.	45
☞ Wednesday Feby 6. △ ☿ ♂	28·74 29·00 ·07 ·20	WSW 7. W 8 NW 9. NW 8. NW 6. 5. 4.	38	40	47	Violent hurricane with little abatement till 3 pm, little flying showers, and hail at times. The strongest gales were at 3 & 10 am, but the fury of the storm did not subside at all till near 4 pm, afterwards slowly declined, and the evens nearly clear. — Wind abating all night.	36
Thursday Feby 7.	·45 ·51 ·63	W 3. W 4. W 3.	33	36	46	Very fine and mostly bright till noon, afterwards cloudy at times, but the evening clear. Night hazy and very little wind. —	38
Friday. Feby 8. △ ⊙ ♂	·78 ·69 ·72	SW 1. SW 6. SW 3.	35	41	52	Hazy morns & nearly calm, wind rose from 10 am, squally & little rain near noon, afterwards a fine drying afternoon, some sun, & mottled clouds. — Close night & some clouds.	47
Saturday Feby 9.	·63 ·42 ·52	SW 3. SW 7. W 6. W	45	50	53	Cloudy & mild morns, windy and stormy after 11 am, strong gale and rain about 3 pm, afterwards windy and chiefly bright. Evens clear & very windy: — night the same.	42
Sunday, Feby 10.	·90 30·08 ·11	W 6. W 4. WNW 2.	36	41	47	Quite clear, and chiefly so all day, some flying clouds & wind, but much less wind after 3 pm. — Clear evening. — Hazy during night. —	39
Monday, Feby 11.	29·98 ·61 ·30	SSW 3 SSE 5 S 6. SW 7.	35	37	45	Hazy and cloudy, rainy with squalls from 11 am, windy & wet afternoon and evening, heavy gale at 8 pm veering to the westward, but abating all night. At 11 pm, a very great fiery Meteor passed over from W to E, and exploded with a loud thundering noise. —	45

February 1850.

1850	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural occurrences. —	Thermom 8 pm
Tuesday Feby 12.	29·50 ·24 ·31	SW 1. Var 0 NW 2. NW 2.	35	35	39	New moon 6½ am; hazy & red morns, cloudy & rain at 10, became very dark, even like evens, followed by a tremendous fall of snow from 11 am, the flakes above 2 inches broad, continual heavy snow till 4 pm, afterwards clearer & more wind, but no frost, yet the snow was several Inches deep. Began to freeze after 8 pm, clear night.	34
Wednesday Feby 13.	·87 30·15 ·27	NW 3 NW 3. NW 1.	29	31	41	Wind frost, chiefly clear, and continued bright with cold wind and the snow but little dissolved. — Evening clear, and sharper frost and wind gone: continued sharp till after 12 pm.	28
Thursday Feby 14.	·19 29·99 30·02	S 2. SW 2. SW 1.	25	35	49	Severe frost till about 3 am, then a sudden change, overcast & rainy till noon, afterwards finer, but cloudy, and much warmer all the evening and night.	49
Friday, Feby 15. □ ♂ ♃	·04 ·04 ·02	W 3. W 3 W 3.	49	52	58	Cloudy with sun, & brisk wind but exceedingly mild. The birds very tuneful all day. — Windy during night and continued very mild. —	52
Saturday Feby 16.	29·85 30·12 ·30	W 7. NW 7. NW 3.	43	46	49	Windy & mild at first, Thermr 52° till 7 am afterwards cold squalls of wind rain, and hail from NW till 9 am, then bright and windy with cumuli clouds. —	39
Sunday, Feby 17.	·32 ·30 ·30	W 2. W 3 W 5.	37	41	50	Rather hazy with much cirrostratus, and mottled clouds. Evening much clearer but more wind: and the night chiefly clear with thin haze upward.	45
Monday, Feby 18.	·26 ·24 ·22	W 3. W 2. W 2.	44	48	55	Very fine, bright and mild, with a drying breeze, and light cirri. — Sun set in pale green sky, and quite clear, except flame-colored cirri.	46
Tuesday, Feby 19.	·19 ·15 ·12	SW 2. SW 2. SW 2.	43	46	54	Light clouds, bright sun, very fine and drying day. Evening more cloudy but very thin clouds, and a very mild night.	46
Wednesday Feby 20.	·05 ·12 ·20	SW 2. SW 1. SW 0.	45	50	56	More or less cloudy, but very mild, and the afternoon very pleasant, very little wind. Evens hazy, and fine haloes round the moon. 10pm clear & frosty. —	45
Thursday, Feby 21.	·15 ·12 ·14	WSW 4 WSW 5 W 5. 6. — 7.	37	41	54	Cloudy & windy very drying day, and continued very windy & more or less cloudy: — Fine & cloudy night, and wind increased to a gale. —	48
Friday Feby 22.	·24 ·32 ·38	W 6. W 3. NW 2.	46	50	55	Very fine and mild, drying wind, and grey clouds, some sun, and less wind in the afternoon. Hazy night and some light clouds. —	47
Saturday Feby 23.	·37 ·35 ·34	W 2. W 1. W 1.	41	44	50	Very fine, grey clouds & little sun, much less wind than of late. Evens calm and pleasant. ☞ All little garden flowers in bloom as aconite, snowdrop, crocus, primrose, and anemone. —	42

February 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	8 a.m.	highest	Natural Occurrences.	Thermom. 8 pm.
Sunday Febr. 24.	30·37 ·39 ·41	W ½ SW 1 SW 1 S 1	41	43	50	Cloudy, but very thin clouds, little gleams of sun, very fine, calm, and pleasant day: roads dusty, and all the field-walks dry. Evening calm and lightly clouded.	42
Monday Febr. 25.	·44 ·46 ·48	SE 1 SE 2 SE 1	38	42	50	Very fine with grey clouds, and little sun, calm and pleasant day, and evening the same. Night continued cloudy and nearly calm.	39
Tuesday, Febr. 26.	·45 ·44 ·41	S 1 SW 2 SW 1	38	41	50	Very cloudy but fine, and but little wind. Full moon 12 noon. Evening cloudy, but became clear during the night.	43
Wednesday Febr. 27.	·35 ·31 ·30	S 1 SSE 2 SE 1	35	41	54	Quite clear, and continued a very fine and bright day, with a gentle breeze. Eveng clouded, and thick, but clearer at times during night.	42
Thursday Febr. 28.	·24 ·22 ·25	Var. 0 SW 0 Var. 0	37	40	50	Cloudy morng till near 12, but chiefly bright in the afternoon with a few very small clouds. Evening cloudy and still quite calm. — Rooks building and very clamorous. The roads very dusty above a week past. —	38

Results for February 1850.

Barom.r		
Highest on	25th	30·48
Lowest on	6th	28·74
range		1·74
Mean of Month		29·98

Thermom.r		
Highest on	15th	58.
Lowest on	13 & 14.	25.
range		33
Mean of month		44·60
Mean daily range		12·03

Rain 1·22 Inch. fine days 20. — Prevailing wind SW & W. —

This month throughout was very mild beyond the usual mean, and a perfect contrast to the previous month. It proved remarkably tempestuous till the 16th day, afterwards very fine and drying, a good and early seed time.
Scarlatina prevailed much among children and some adults during the month, but there were few fatal cases.

March 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	8 a.m.	highest	Natural Occurrences.	Thermom. 8 pm.
Friday, March 1.	30·34 ·35 ·37	SW 1 SW 2 SW 3	39	43	56	Hazy & foggy early in the morng, but cleared off at 8 am, a very fine, warm, and pleasant day, hazy but bright with light cirri. Evening more hazy and clouded. —	46
Saturday, March 2.	·33 ·25 ·20	SW 3 SW 4 SW 4	44	51	56	More or less cloudy but fine and mild, with a fresh breeze, cloudy night, and rather windy but fine, and a mild temperature.	50
Sunday, March 3.	29·98 ·90 ·77	S 3 SW 4 SW 2	43	47	53½	Flying clouds and some very low, with brisk wind, and sun at times: not so mild as previous days. Eveng fine and less wind. Stars partly visible.	47
Monday, March 4.	30·02 ·23 ·35	N 2 N 3 N 2	39	41	46	Low flying clouds, slight showers, and sun between. Fine afternoon smaller clouds and sun; evening cloudy, but clearer in the night with a grey frost. —	43
Tuesday, March 5.	·55 ·57 ·53	W 1 WSW 3 SW 1	30	35	50	Frosty morng, hazy forenoon, very bright in the afternoon, with mottled cirrostratus and some cirri. — Evening red and afterwards chiefly clear.	40
Wednesday March 6.	·57 ·55 ·57	W 2 W 2 W 0	38	45	58	Quite clear, exceedingly fine bright and pleasant all day, no cloud except a distant collapsed cirrus, sun set very red in thin haze, clear night & no wind.	49
Thursday March 7.	·58 ·57 ·57	W 0 W 1 W 1	40	43	56	Very foggy morning, and continued foggy till noon, but less so; afternoon very fine sunny & pleasant, and a pure orange sunset. Eveng clear above, but foggy below.	47
Friday, March 8.	·50 ·47 ·45	Var. 0 NW 1 E 0	41	44	49	Very foggy till near noon, continued cloudy, and more or less foggy all day. — Rather clearer at 6 pm. but still close. Night cloudy.	45
Saturday, March 9.	·32 ·28 ·24	E 1 E 1 E 0	41	43	49	Cloudy more or less till evening, but cleared after sunset, stars bright at 8 pm, and quite calm. — Clear night and a little frosty. —	41
Sunday, March 10.	·30 ·28 ·31	NW 1 NW 1 NW 1	37	41	55	Quite clear, very bright till 3 pm, then some thick cirri & cumuli about the SW, but still very fine. Cloudy eveng and a bat on the wing at 7 pm. — Clearer & colder during night. —	47
Monday, March 11.	·47 ·50 ·53	N 2 N 3 N 2	34	38	48	Frosty morng, fine day, but cold wind, with grey clouds and sun at times. Red cirri about setting sun, and clear evening. Night clear & frosty. —	37
Tuesday, March 12.	·61 ·61 ·61	N 1 N 1 N 0	31	37	52	Hazy & very white frost in the morng, became quite clear, a very bright and calm day. Evening also clear. — Night very clear & frosty but gentle.	39

March 1850.

1850.	Barometer	Wind.	Thermometer out of doors. lowest	8 am	highest	Natural Occurrences.	Thermom 8 pm.
Wednesday March 13.	30·55 ·52 ·54	Var. 0. NW 1. NE ½	31½	40	56½	Quite clear frosty morng, very bright all day, no cloud, and very little wind: warm & pleasant day. Lovely sunset, deep red orb, in purple haze. New moon 11¼ pm. Night partly clear.	43.
Thursday. March 14th.	·53 ·52 ·52	NW 2. NE 2. NE 2.	37	41	49	Cloudy more or less all day, mild morning, but colder in the day, and a brisk wind. – Cloudy and dark eveng & night.	40
Friday. March 15th.	·51 ·50 ·50	NE 2. NE 1. E 0.	37	40	47	Clouds at times with a few drops of rain but became bright with cumuli only and very keen air. Clear and frosty evening and night. and severe till after midnight. –	35
Saturday, March 16th.	·26 ·25 ·33	N 4. NE 5. NE 3.	27	38	48	Sharp frost early, became cloudy and windy till noon, then a flying shower afterwards cumuli & sun. – Very cold eveng, chiefly clear, and sharp frost. but less so during night, & some clouds.	30
Sunday, March 17.	·38 ·39 ·40	NE 2. E 2. E 0.	29	35	43	Grey clouds & sun, few flakes of snow at 8 am, very fine & bright day with a few small cumuli, but exceedingly cold, sharp wind. – Clear and frosty eveng.. Night also frosty & chiefly clear. –	30
Monday. March 18.	·38 ·34 ·30	E 1. E 2. Var. 0. & 1.	29	36	43	Bright & frosty morng, continued very bright with keen wind, eveng more clouded & milder. Some ribbed cirri and diverging streaks upward from the East near noon. –	38
Tuesday, March 19.	·14 ·15 ·19	N 3. N 3. N 2.	37	42	48½	Dark clouds with light flying showers and some sun at times, but chiefly cloudy more or less, and brisk wind. Night clearer. –	39
Wednesday March 20.	·25 ·23 ·22	N 2. N 2. N 2.	36	42	48	Cloudy with little sun, but fine, with a gentle breeze: very red curdled sunset. Night in part clear but rain at midnight. –	43
Thursday March 21.	·22 ·24 ·26	N 1. N 1. N ½.	37	42	47	A shower at 1 am, trifling rain at times in the day, and sun between, but mostly lowering. Eveng clearer and night frosty: – few flakes of sleet.	39
Friday, March 22.	·21 ·01 29·88	W 3. WSW 3 W 3.	30	35	48	Grey frost in the morng, followed by fog at first, afterwards cloudy with wind and rain at times, eveng finer, but a squally night with hail & sleet. –	43
Saturday, March 23.	29·50 ·52 ·53	NW 4. NW 5. NW 4.	34	35	43	A drift of hail & rain at 4 am, and frequent storms of snow all day, with sun at times, and boisterous wind. Very cold windy night, and storms of snow at times. –	34.
Sunday, March 24.	·52 ·66 ·73	NNW 4. N 4. N 1.	31	34	39	Very heavy drifts of hail and snow at 8 & 9 am, and at noon, afterwards finer and wind abating all the afternoon. Evening in part clear. –	33

March 1850.

1850.	Barometer	Wind	Thermometer out doors. lowest	8 am	highest	Natural events.	Thermom 8 pm.
Monday, March 25.	29·78 ·82 ·84	NW 1. NW 2. SW 0. Var. 0.	29	34	38	Very great falls of snow with little intermission till 2 pm, afterwards fair and became bright at 4 pm, clear evening & severe frost, 10 pm 21°! clear all night & very severe.	27
Tuesday, March 26.	·82 ·85 ·90	Var. 0. NW 0. Var. 0.	16	20	41	Clear but hazy below, extreme sharp frost and no wind, very bright all day, but not much thaw except in the Sun. – Evening hazy and sharp frost, but less so than last evening. – Night chiefly clear.	30
Wednesday, March 27.	·95 ·94 ·97	NW 0. NW 0. Var. 0. NW 1.	23	29	45	Sharp frost & clear without haze, bright till 3 pm, & no wind, afterwards sheets of cirri & some distant cumuli. Dark clouds at 6 pm from NW with a shower of snow. – Fine eveng, hazy & gentler frost. (Full moon 11½ pm.	33
Thursday, March 28.	30·08 ·15 ·21	NW 1. NW 1. NW 0.	28	33	45½	Frost fog & rime, became bright at 10 am, very bright day with cumuli clouds, & little or no wind. Evening and night very clear and frosty. –	35
Good Friday, March 29.	·23 ·24 ·21	SSE 1. SE 2. SE 3.	27	34	49½	White frost, but soon much warmer, very bright with cumuli clouds, more wind and rather hazy after 4 pm. – Fine eveng, and chiefly clear, except linear cirrus.	36
Saturday. March 30.	·12 ·03 29·98	ESE 6. ESE 6. ESE 5.	35	38	46	Very fine, but hazy, and a strong wind all day, and much cirrostrate lying in Arcs along the direction of the wind. Sun visible but dim. – More cloudy in the eveng, many dark clouds in arcs as before.	42
Sunday, March 31.	·87 ·91 ·90	SE 4. SE 3. & 2. SSE 1.	37	43	51	Fine drying morning, bright till 11 am, with curdled clouds, afterwards cloudy and some rain after 1 pm: cloudy & little rain till after 2 pm: then became fair and a bright evening. – Several meteors fell in WSW, at 8 pm. –	45

Results for March 1850.

Barom.	Highest on 12th	30·61	Thermom.	Highest on 6th –	58°
	Lowest on 23d	29·50		Lowest on 26th –	16°
	range –	1·11		range –	42
	Mean of month	30·22		Mean of month –	41·16
				Mean daily range –	14·74

Depth of rain only ·54 of an Inch, fine days 21, Wind chiefly NW & N.

This was a fine and dry month, and mostly pleasant till about the Equinox. A very early and good seed-time. – The last week was ungenial and wintery. –

APRIL 1850.

1850.	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	Natural Occurrences.	Thermom. 8 pm.
Monday, April 1.	29·80 ·72 ·54	S E 2. S E 2. S E 3. 3,4.	39	46	57	Very fine and much warmer, but very hazy all day, and the haziness lay in longitudinal bands diverging upward from SE & converging again in NW. Evens more cloudy & wind rising, with a little wet at midnight, then wind abated.	50
Tuesday, April 2.	·37 ·34 ·36	SSE 2. SE 1. SE 1.	46	52	60	Hazy morn'g & very mild, light clouds and sun in the day, and very warm and pleasant, but chiefly hazy. Evens clear and still mild. –	53
Wednesday April 3.	·47 ·50 ·46	SW 2. SW 3. S 4.	45	52	61	Fair and warm with mixed clouds, and sun, and somewhat hazy. After 3 pm it became cloudy and windy, followed by rain in squally showers in the evens and night.	51
Thursday April 4.	·77 ·10 ·28	S 4. S W 6. S W 6. 8 7.	48	53	59	Stormy all day more or less, squalls of wind, and flying rain, with some sun at times. Fine evens, but cloudy and galy, and a very windy night. —	53
Friday, April 5.	·63 ·78 ·84	W 4. W 3. W 1.	46	49	58½	Very squally all the morning: fine afternoon, became bright after 3 pm. with cumuli clouds, and a bright evening, wind ceased. — Night chiefly clear, and nearly calm. —	50
Saturday April 6.	·81 ·78 ·82	S 1. SW 2. SW 1.	38	44	58	Very red coppery sky at sunrise, and much curdled cloud. Chiefly fine & warm with many clouds, and little sun at times. Close evens, little wet, and electric clouds.	51
Sunday, April 7.	·80 ·80 ·79	SW 2. SW 2. SW 1.	48	53	68	Light clouds in the morning, soon quite clear except thin sheets of cirri & pale haze, bright and very warm, lovely day, with a gentle breeze. Close evens, much thin cirrostratus diverging upward from WSW. Yellow butterfly seen.	55
Monday, April 8.	·60 ·53 ·47	S E 2. S E 3. S 2.	47	54	60	Many mixed electric clouds, with short sudden showers in the middle of the day, close & warm air, and but little sun; evens and night cloudy. –	56
Tuesday, April 9.	·49 ·51 ·52	S 4. S 3 S 4.	46	50	56	Cloudy more or less all day, some low raggy clouds, little sun, and the wind squally. Bright Northern lights at 8 pm, cloudy & windy at 9, afterwards less wind.	50
Wednesday April 10.	·59 ·60 ·60	SSW 2. S 2. SSE 1.	45	53	60	Very fine and bright with cumuli clouds, very pleasant growing day. Evening clear and much cooler. — Night chiefly clear. —	46
Thursday April 11.	·52 ·55 ·58	S E 1. S E 1. E 1.	41	52	58	Cloudy morn'g, but a fine warm day, then mixed clouds, gentle wind and sun, very electric in the evening, rocky groups in SW, and wind East. — Distant Thunder in SW at 7 pm, — and continued till 8, followed by a close night and distant lightning. —	48

APRIL 1850.

1850.	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	Natural Occurrences.	Thermom. 8 pm.
Friday, April 12. □♂♄ ♂⊙☽	29·72 ·85 ·92 ·94	SW 0. Var 0. Var 1. N E ½. Var 0. New moon 1 pm.	46	54	61	Very fine, calm & close morn'g, with thin mixed electric clouds & sun, continued fine till 2 pm. Then very black with much thunder very loud & vivid lightning passing the SE, other dark clouds west & north — a shower here from 2¼ to 3 pm — the thunder slowly died away by 4 pm. — Evens bright but more cloudy after 8 pm.	48
Saturday April 13.	·98 30·00 29·90	NW 0. SW 0. SW 0	45	50	54	Cloudy and close, more or less so all day, little sun at 2 & 3 pm. afterwards darker clouds and at times a little misling: rain at times in the night.	48
Sunday, April 14.	·93 ·99 ·97	NW ½. E 1. E 2.	45	51	56	Cloudy more or less, dark rocky clouds, and some sun. Evening more cloudy, and rather more wind. — Cuckoo sang yesterday & to day.	47
Monday, April 15. ✳♂♃	·61 ·50 ·45	S E 5. S E 4. S 2.	43	52	56	Much mixed cloud, strong wind, and heavy rain from 10 am, till 2 pm, afterwards fair and partially bright. Evening and night fine, and in part clear.	49
Tuesday, April 16.	·35 ·32 ·25	S 4. S 6. S 6.	44	52	56	Very stormy, showery and galy, dark and raggy clouds flying, very boisterous day. Finer from 3 till 8 pm, afterwards drifting rain again at times.	50
Wednesday April 17.	·53 ·70 ·76	W 3. W 2. W 1.	46	54	60	Many mixed clouds electric and rocky with sun at times. Dark nimbi passing N, & S, 1 pm. a shower here, afterwards bright with rocky clouds, & distant Thunder. Swallows appeared, — willow in leaf.	51
Thursday April 18.	·99 30·05 ·12	NW 1. W 1. W 0.	44	53	64	Very bright with small cumuli, very fine and warm day. — The yellow, & the peacock butterfly much seen to day; horse chesnut, and sycamore in leaf, and cowslip in blossom. Calm and hazy even.g, and much cirri.	53
Friday. April 19.	·15 ·10 ·08 29·99	SW 3. SW 3. S 3	44	51	57½	Cloudy more or less, and windy in the forenoon, afterwards rain at times, and less wind: cloudy evening and more wind, but warm. Poplar in leaf	54
Saturday April 20.	29·67 ·60 ·60	SW 4. SW 4. SW 1.	49	54	60	Squally with heavy storms of rain at 3 am, fine sunny & warm from 9 till noon, afterwards black clouds with showers and distant thunder. Wind galy in the showers, but the evens calm.	52
Sunday, April 21.	·67 ·76 ·90	N 2. N 2 N 1.	42	51	54	Bright morn'g but soon cloudy more or less and little sun. Evens brighter, but a cool breeze. Nightingales tuneful all day. Mottled cirrostrati at sunset.	47
Monday, April 22.	·99 ·98 30·00	NW 2. NW 2. NW 2.	41	50	52	Bright till near 8 am, afterwards cloudy and cold, more so after 12, darker clouds & rain at times. — Evening and night rainy more or less. —	44

APRIL 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	8 a.m.	highest	Natural occurrences.	Thermom 8 pm.
Tuesday, April 23.	30·01 –·02 –·03	NW 2. NW 2. N 1.	41	48	52	Cloudy with frequent rain, and cool wind. Rather finer after 3 pm – Evening clearer in part, and the night fine. –	43
Wednesday, April 24.	–·12 –·21 –·23	NW 1. NW 1. NW 0	38	48	51	Chiefly cloudy and little sun, but cleared off entirely at 6 pm. Bright evening, and clear moonlight night. little white frost – during night.	43
Thursday. April 25.	–·20 –·12 –·13	SE 2. SE 3. SE 2.	33	50	58	Very fine and bright all day, drying breeze, and light clouds. – Yellow sunset, some cirri and haze. – Flying clouds after 9 pm, and wind East.	45
Friday. April 26.	–·20 –·21 –·21	NE 2. NE 2. NE 3.	41	47	59	Full moon 11 a.m; Cloudy till near 12 – bright afternoon, clouds flying, but warm and pleasant. Evening cloudy and more wind.	44
Saturday. April 27.	·28 –·30 –·30	ENE 4 ENE 3 ENE 1.	41	49	54	Flying cumuli and bright sun, with a cool breeze, but a very fine and drying day. Very clear and brilliant sunset but some clouds afterwards. – Night chiefly clear, and less wind. –	43
Sunday, April 28	·35 –·37 –·40	ENE 3. ENE 3. NE 1.	37	49	55	Bright sun, flying cumuli and a very cool wind. Evening and night mostly clear, but some small clouds, and less wind.	42
Monday. April 29.	–·43 –·41 –·40	NE 1. NE 1. N 1.	38	50	55	Bright with many cumuli, and some distant rain clouds, little wind and more cloudy in the evening.	43
Tuesday, April 30.	–·34 –·30 –·28	NE 1. NE 1. NE 1.	37	49	56	Gentle wind, cumuli, and sun, fine and pleasant day. Evening at first bright but at 7 pm became very cloudy, with dark clouds in arcs, and a little rain. cloudy night trifling rain at times.	44

Results for the month of April 1850.

Baromr	Highest on 29th	30·43
	Lowest on 4th	29·10
	range	1·33
	Mean of month	29·83
Thermomr	Highest on 7th	68°
	Lowest on 25th	33
	range	35
	Mean of month	50·16
	Mean daily range	14·70

Depth of rain 1·89 In; fine days 20; winds SW, SE, & NE. –

Yellow butterfly appeared on 7th, Cuckoo sang on 13th – 17th willow leaf, swallows seen: 18th Peacock butterfly and the yellow ditto much seen. cowslip flowering, Pear, Sycamore, & horse-chesnut leafing, currant & gooseberry flowering. 19th Poplar in leaf. 21st Nightingale tuneful.

MAY 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm
Wednesday May 1st.	30·12 –·12 –·14	N 2. N 3. N 1.	43	50	51	More or less cloudy and cold for the season. very trifling rain at times, or very lowering. – and a little sleet, with gleams of sun. The night clearer and fine.	43
Thursday, May 2nd.	·25 –·31 –·36	NE 1. NE 1. NE 0.	37	52	55	Very fine, cumuli clouds and sun, but very cool. Evening quite clear, pure sunset, no haze. Night chiefly clear, and frosty. –	43
Friday, May 3rd.	–·30 –·19 –·17	W 1. W 2. W 1.	34	54	58	Strong haze & sheets of mixed clouds at times, with sun between –. Dappled and mottled all the evening & much warmer. –	51
Saturday May 4. △ ☉ 4	–·02 29·97 –·87	W 2. W 2. W 1.	44	54	56	Many mixed clouds, and some dark rainy kinds about, trifling rain at times, with little sun. – Evening hazy and much cloud. – Night in part cloudy. –	47
Sunday, May 5.	–·72 –·70 –·70	Var. 1. E 0. E 1.	37	48	56	Many clouds and some rain at times till 10 am, afterwards gleams of sun, black clouds in S and SE with much thunder at 1 pm – Evening thick and hazy with rain at times.	47
Monday, May 6.	–·72 –·72 –·71	NE 4. NE 4. NE 4.	42	47	48	Very cloudy, cold wind and gentle rain, nearly the same all the day and evening likewise. Windy night, and continual rain more or less. – .	44
Tuesday, May 7.	–·66 –·62 –·62	NE 4. ENE 2 E 1.	41	46	50	Very cloudy and rainy more or less, and windy till noon, afterwards less wind, and less rain. Close evening and very foggy. –	49
Wednesday May 8.	·44 –·48 –·57	NW 1. NW 1. W 1.	46	50	54	Hard rain from 6 am, till 1 pm, afterwards fine but cloudy, but a very wet eveng from 6 pm. – The valleys flooded. – Night finer after 9 pm. –	48
Thursday, May 9.	–·79 –·94 30·02	NW 2. NW 2. N 0	43	50	52	Cloudy with sun, but chiefly fine. – Brighter after 2 pm – with cumuli clouds and cool breeze. Clear sunset, and an Arc of cirrostrati diverging upward from SW. – Clear & cold night. –	43
Friday, May 10.	–·07 –·09 –·03	SW 1. SW 2. S 1.	33	52	59	Clear frosty morng, fair and bright day with cumuli and light cirrostrati. Cloudy with red mottled cirrostrati in the eveng. –	52
Saturday May 11.	–·03 –·04 –·04	SW 2. SW 2. SW 1.	46	56	61	Very fine with grey clouds, and sun, a fresh breeze, and very pleasant growing day: New moon 11 pm. – Fine night and chiefly clear. –	54
Sunday May 12.	–·01 –·05 –·10	SW 3. W 2. W 1.	46	57	64	Very fine warm and pleasant, with cumuli and ribbed cirri in arcs, and bright sun. – Lovely evening – warm sunny and growing. –	54

MAY 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural occurrences.	Thermometer 8 pm.
Monday, May 13.	30·20 ·22 ·24	N 0. NE 2. NE 1. & 0.	40	57	61	Chiefly bright till noon, with some mixed clouds, rocky cumuli and a little hail 1 pm, afterwards many clouds, some sun, and cool wind. Calm and cool eveng.	45
Tuesday, May 14.	·16 ·02 29·98	W 1. W 2. W 1.	37	52	56	Cloudy and hazy, many dark clouds, but sun at times, trifling showers during the afternoon & eveng. — Cold and stormy night. —	47
Wednesday, May 15.	·96 ·99 30·00	N 2. N 3. N 1.	41	52	53	Rocky clouds, small showers of hail and rain, with sun at times: Evening also stormy and cold. — Night chiefly clear and frosty. —	43
Thursday, May 16.	·02 ·04 ·04	N 1. N 1. Var. 0.	36	52	56	Cloudy with sun, and a cool wind, brighter afternoon, and a clear evening, and night, calm, and frosty at midnight.	46
Friday, May, 17.	·02 ·01 ·00	SE 0. SE 1. SE 2.	35	57	62	Hazy with light clouds, but bright at times, warm and pleasant. Dark clouds in the evening but fair. — Night close and cloudy. —	50
Saturday, May 18.	29·90 ·87 ·90	SE 2. SE 2. SE 1.	43	60	65	Curdled upward and light clouds with sun, some dark clouds at times, but very fine, warm growing day: eveng and night hazy but fair.	55
Sunday, May 19. Whitsunday.	·96 ·93 ·95	SE 1. SE 2. SE 2. E 2.	44	63	69	Very fine bright and warm, with light curdled clouds, electric & dappled: more wind at 3 & 4 pm, but afterwards less, and a bright evening — Clear salmon-tinted sunset.	52
Monday May 20.	·90 ·87 ·89	Var 1. SE 2. E 2.	46	63	69	Fog early, but very bright & lovely morng bright and hot day, few small clouds, splendid orange sunset, fog came on after 10 pm. —	55
Tuesday. May 21.	·90 ·87 ·85	NE 1. NE 2. NE 1.	47	63	69	Fog early, became very bright at 7 am bright day and hot, but some electric clouds in dappled trains in the afternoon. Evening lightly clouded, less wind, and a soft evening: — distant Thunder.	57
Wednesday May 22.	·75 ·72 ·69	SE 1. SE 2. SE 0.	49	58	65	Showers of rain at 5 & 6 am, chiefly fine in the day with sun at times, but many mixed clouds, some dark and rocky with thunder in NW at 1 pm. Clear calm and lovely evening.	57
Thursday May 23.	·62 ·61 ·63	E 0. SE 1. S ½. Var 0.	48	63	70	Close morng, many electric knotted groups of cloud, some sun in the forenoon, and hot, but more hazy & electric in the afternoon; some very distant Thunder, and a little rain here. Eveng bright & calm but cloudy in West.	59
Friday. May 24.	·59 ·57 ·57	E 1. SE 1. S 1.	47	61	65	Fog early, hazy and cloudy more or less all day, little sun, and some rain at times. Evening hazy but calm and warm.	57

MAY 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural occurrences.	Thermometer 8 pm.
Saturday May 25.	29·64 ·70 ·70	SW 4. SW 5. SW 2.	52	61	66	Many flying clouds, with sun and brisk wind, a little shower, but more at a distance with black clouds. Showery night and many dark clouds. {Full moon midnight.}	56
Sunday, May 26.	·75 ·76 ·76	SW 4. SW 6. SW 2.	50	61	64	Showers early, and a boisterous day with much cloud, in many forms, but sun at times: evening bright, and wind less: Fine and warm night, chiefly clear, and gentle breeze. —	57
Monday, May 27.	·86 ·84 ·85	S 2. S 2. S 1.	51	62	67	Some dark low clouds in the morng, but it soon became clearer, warm breezes, with sun, and grey clouds, sultry afternoon and dark clouds, very little rain at 6 pm, some distant Thunder in SW, all the eveng, & rocky clouds.	59
Tuesday. May 28.	30·05 ·15 ·25	SW 2. SW 2. SW 1.	49	62	70	Flying clouds & sun, very warm with a pleasant breeze. A flying shower at 1 pm, afterwards again bright. Very bright and warm eveng, lovely and growing. —	60
Wednesday, May 29.	·35 ·32 ·30	SW 1. SW 1. SE 1.	51	64	72	Very fine, bright, and hot day, gentle wind and small cumuli: bright eveng, golden sunset, & very little wind, but a few cirri and some haze. —	61
Thursday, May 30.	·24 ·18 ·20	SE 1. E 2. E 1.	48	60	72	Fog early, but very bright and hot after 8 am and so continued, with a fresh breeze. — Sun set clear, except light cirri near the west horizon.	60
Friday. May 31. ✱☉♂.	·22 ·29 ·31	E 1. E 2. E 1.	50	68	75	Fog early, but cleared off at 7 am; very bright and very hot, scarcely a cloud seen till eveng, but cirri and haze after 6 pm. — Night chiefly clear but fog rising. —	61
						Dear little Amelia Susan. born ¼ to 7 am.	

Results for May 1850.

Barom:	Highest on 2nd & 29th	30·36	Thermom:	Highest on 31st	75°
	Lowest on 8th	29·44		Lowest on 10th	33
	Range	·92		range	42
	Mean of Month	29·94		Mean of Month	52·67
				Mean daily range	17·87

Depth of rain 1·95 Inch — Number of fine Days 21, —
Prevailing winds the SW, SE, & NE.

The Hawthorn in flower on 22nd, Hornbeam in leaf on 23rd
All trees in leaf on 29th. —

JUNE 1850.

1850	Barometer	Wind	Thermometer out doors: lowest	9 a m	highest	Natural Occurrences.	Thermom 8 pm.
Saturday June 1.	30·41 ·46 ·49	N E, N E, E o	47	66	73	Foggy early but soon clear, and a very bright & hot day - very few small cumuli. Eveng quite clear and a pure golden sunset	60
Sunday June 2.	·51 ·51 ·51	ENE, N E 2 E 1.	47	68	74	Lovely clear orange ☉ rise; and the day very bright and hot, a few cirri in the West 2 pm: and at sun set, a thin sheet of them, otherwise quite clear.	60
Monday, June 3.	·52 ·46 ·41	E 1. E 1. E o.	46	69	76	Quite clear, very hot and brilliant day not a cloud visible. Some cirri at sunset but clear upward, and so all night.	60
Tuesday June 4.	·37 ·31 ·26	N E o E 1. E o.	43	69	76	Quite clear, except a few cirri, a very brilliant hot day. Some haze & many curled cirri about the West at sun-set: Some fog during night.	60
Wednesday June 5. □ ○4	·16 ·02 29·98	S 1. S 2. S E 1. S,	49	60	77	Very foggy & cloudy till 10 am, afterwards bright and very hot, with cirri & cumuli, Cloudy & curdled eveng, close and electric. Soon after 9 pm a large meteor equal to a full moon passed from SE to W with a blue train.	62
Thursday. June 6.	·85 ·72 ·64	S W 2. S W 3. S W 3.	59	64	66	Black knotty clouds at 5 am, a short heavy shower, and very distant Thunder. Cloudy more or less in the day with sun at times, and squally wind. At 8 pm a coppery cloud from West, with a heavy intermitting shower.	59
Friday. June 7.	·68 ·75 ·84	S W 5. S W 5. WSW 3.	51	62	66	Very squally, many flying clouds, and boisterous wind with sun at times; a flying shower at 4 pm; eveng fine with cirrostrati & less wind.	59
Saturday. June 8.	·97 30·07 ·14	W 1. NW, NW,	49	64	68	Very fine and warm, grey clouds & sun, gentle wind, and very pleasant. — Distant showers in W & S, 8 pm, but fine here. — Night fine and chiefly clear.	61
Sunday, June 9.	·30 ·28 ·28	W 1. SW 1. S o	49	66	73	Very fine, bright and lovely morng; and a fine & very hot close day, many light clouds with sun, & gentle wind. Close eveng many grey & lofty clouds.	64
Monday, June 10.	·24 ·19 ·14	SW 1. S 1. SSE 1.	50	67	78	Hazy with a strong halo till 10 am — afterwards very bright & very hot, with finely dappled sky. — Eveng close and hazy. — New moon 7 am.	64
Tuesday, June 11.	29·98 ·99 30·02	W, W 1. W o.	53	73	82	Very sultry & hazy morng, became bright and very hot after 9 am, extremely hot and bright all day, with a few small electric cumuli. — Eveng hazy & exceedingly sultry. — Hazy and close night, calm and beautiful. —	69

JUNE 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	9 a m	highest	Natural Occurrences.	Thermom 8 pm
Wednesday June 12.	30·04 29·95 ·85 ·81	W 2. SW 4. SW 4.	55	66	74	Fine with many flying clouds, and sun, sultry morng, but rather cooler after 7 am more wind, haze & cloud but very warm and fine. Eveng very cloudy and windy but very close.	63
Thursday June 13.	·75 ·72 ·74	WSW 4. W 5. W 3.	52	63	67	Bright morng, with flying cumuli & brisk wind; distant showers, and at 1½ pm - a heavy squall of wind with rain here, and several flying showers during the rest of the day. Clear eveng less wind.	57
Friday, June 14.	·85 ·67 ·55	WSW 2. SSW 3. SW 3.	51	62	64	Fine morng with grey cumuli & sun, more cloudy after 11 am, wind & some rain at times, during all the afternoon, and ending with a heavy driving shower at 8 pm. Cloudy night, but finer.	58
Saturday June 15.	·51 ·79 ·92	W 3. NW 3 N 2	50	54	57	Cloudy more or less, some sun at times and a very cool breeze: a very little rain a few times, but chiefly fair, and a bright eveng.	51
Sunday, June 16.	30·10 ·15 ·18	N 1. N E 1. S E,	40	58	64	Very cool dewy morng, fine sunny day, with light cumuli, and very pleasant; Bright evening, sun set clear, in pale salmon tinted sky. - Twilight very strong.	54
Monday, June 17.	·20 ·22 ·27	S E 1. S E 1. S E 1.	43	61	67	Some haze & clouds till near noon, but a bright afternoon and very pleasant, with small cumuli, and gentle wind. Black clouds in the eveng, but became clearer.	58
Tuesday June 18.	·32 ·31 ·40	W 1. — W 1. W,	50	69	75	Bright and very hot with cumuli, and small electric clouds. A small dark cloud & sudden shower with hail 3 pm, afterwards again bright, but black with thunder in the North. A very heavy shower at 8½ pm. —	63
Wednesday June 19.	·47 ·48 ·48	W o. Var o. S E 1.	53	67	73	Fog early, cleared off at 7, bright and hot, morng, close sultry & calm in the mid-day. Calm & bright eveng, hazy at sunset. — Night very fine with little haze.	62
Thursday, June 20.	·40 ·36 ·35	S E 1. S E 1. S S E 1.	52	68	78	Bright, with dappled electric clouds, very hot and clear day, and a bright and beautiful eveng, but more hazy at sunset, night close and hazy. —	64
Friday, June 21.	·30 ·25 ·25	S o. SW 1. W 1. SW o.	56	72	83	Bright with thin haze, and extremely hot, with a few light clouds at times: cirri and hazes in the eveng, but chiefly bright, and very hot & close night. —	71
Saturday, June 22.	·30 ·30 ·32	W 1. SW 1. SW o.	57	69	80	Haze & some cirri, but bright and very hot, with gentle wind; evening most splendid, clear, calm, and hot, sun set in full glory; neither cloud nor haze. — Night chiefly clear. —	74

June 1850.

1850.	Barometer	Wind	Thermometer out doors lowest	9 am	highest	Natural Occurrences	Thermometer 8 pm.
Sunday, June 23	30·38 ·39 ·40	WSW. 1 W. 0 E. 1 E. 1	58	74	84	Quite clear and very hot, continued clear, extremely hot, and very little or no wind. soon after 11 am 82°. At 12. 83°, & from 1 to 3 pm 84°. A breeze at East set in 3½ pm, rather cooler even[in]g than last.	71
Monday, June 24	·41 ·34 ·34	E ½ S E ½ S E 0	58	69	80	Light cloudiness all the morn[in]g, cleared off at 10 am, very bright and very hot. Full moon 2 pm; more cloudy from 12 till 3 pm afterwards again bright;	69
Tuesday. June 25.	·30 ·27 ·25	E 1 E 2 E 1	54	74	83	Lightly cloudy & curdled till after 8 am then very bright & extreme hot, continued clear, and even[in]g the same. pure golden sunset, but much haze and cirri westward after ⊙ set.	69
Wednesday June 26.	·12 ·03 ·01	E 1 E 1 ESE 0	56	70	79	Foggy morn[in]g; cleared off slowly, cloudy till near 10, afterwards bright and very hot, some electric clouds at a distance Southerly & very distant Thunder. Black in SW. & W. all the even[in]g & much Thunder. Dappled sky & distant lightning nearly all night.	68
Thursday June 27.	·17 ·22 ·22	NE 3 NE 2 E 2	56	62	67	Cloudy with wind and much cooler, less cloudy & less wind in the afternoon, flying clouds and sun, with dappled beds upward; night hazy. —	55
Friday. June 28.	·03 29·87 ·80	E 2 E 1 E 0 Var 0	51	63	69	Cloudy and close, with some dark haze, and strong electric smell, continued more or less cloudy till 4 pm then a heavy shower from SE, afterwards bright and hot. — very fine evening, and no wind. hazy, and dappled sky. —	63
Saturday June 29.	·77 ·91 ·95	NW 2 WNW 2 W 1	56	63	70	Light clouds & some grey cumuli, with fresh breeze, and sun, warm and very pleasant, beautiful serene afternoon and evening. Some mottled cirrostrati at ⊙ set. —	61
Sunday June 30.	30·03 ·07 ·08 ·04	W 2 SW 3 SW 3 SW 2	51	65	71	Bright morn[in]g, light cirri & grey cumuli; very pleasant and warm, and chiefly sun in the day, brisk wind and mixed clouds about noon. — Close and sultry evening, very warm breeze, and dappled electric cirrocumuli upward. —	67

Results for June 1850, from Daily Notes.

Barom[ete]r	Highest on 2nd & 3rd	30·52	Thermom[ete]r	Highest on 23rd	84°
	Lowest on 15th	29·51		Lowest on 16th	40
	range	1·01		range	44
	Mean of Month	30·19		Mean of month	62·266
				Mean daily range	21·73

Winds chiefly SW, and Easterly. — rain ·83 of an Inch. fine days 24.

This was a very hot, and dry month with trifling intermission throughout, The "Midsummer Storm" came on in Cheshire on 25th, Cambridgeshire, Suffolk, &c on 26th and London on 27th. —

Measles & Scarlatina prevailed much. also biliary disorders, with langour and loss of appetite during the great heat about 23rd. —

July 1850.

1850.	Barometer	Wind.	Thermometer out doors lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.
Monday, July 1st	30·01 29·92 ·90	SW 1 SW 4 SW 4	62	68	72	Sultry morn[in]g, much dappled & electric, but bright; squally wind and hot sun with low clouds, but dappled arcs upward; cloudy evening and still windy, but close. —	65
Tuesday July 2.	·95 30·00 ·03	WSW 2 W 3 W 1	51	65	71	Cumuli scuds, & bright sun, very fine and pleasant with a fresh breeze. Some distant showers in SW & S, during the evening, and a little rain here at 6½ pm — afterwards very fine again.	64
Wednesday, July 3.	29·85 ·87 30·01	SW 5 SW 6 WSW 2	55	63	74	Windy & cloudy more or less till 11 am, afterwards mostly bright with cumuli clouds, and hot afternoon, yet very windy. Even[in]g hazy some cirri, and less wind. Red rocky clouds about south at 8 pm.	66
Thursday July 4.	29·99 ·86 ·90	SW 1 E 1 SW 3 W 1	56	59	66	Steady rain from 6 am, till 1 pm, finer till 2 pm. afterwards rain at times, ending with an extreme heavy storm at 3½ pm. afterwards very fine and bright, with rocky cumuli.	62
Friday, July 5	30·13 ·17 ·25	W 2 W 3 W 0	50	64	69	Fine, chiefly bright with cumuli clouds: — continued very fine, bright and pleasant, with rocky cumuli, & brisk wind: brilliant sunset, and no wind after 8 pm.	62
Saturday July 6.	·29 ·16 ·04	W 0 SW 1 SSE 2 SE 1	48	64	70	Very fine warm & close all the forenoon — curdled & hazy, but bright in part, and scarcely any wind. More cloudy & more wind after 2 pm, a little rain at 4 pm — Even[in]g cloudy & close. — Electric sky and much haziness all night. —	62
						☞ The rain this week was highly salutary after the heat and drought of June. —	

JULY 1850.

1850.	Barometer	Wind	Thermometer out doors lowest	9 a.m	highest	Natural Occurrences	Thermometer 8 pm
Sunday, July 7.	29·81 ·88 30·03	E 2. NE 2. N 2.	56	63	65	Close, hazy, & electric, many low clouds and a very little rain at 10 a.m; continued more or less cloudy, and a little drifty rain at times; evening fine and clearer at ☉ set.	56
Monday July 8.	·09 ·13 ·13	NW 1. NW 1. NE 0. Var 0.	47	60	65	Cumuli clouds & sun, fine and pleasant day, and the afternoon brighter & more serene. Eveng bright till near 8 pm then very dark groups in NW & SW. and a smart shower at 9½ pm here, Night afterwards fair.	55
Tuesday July 9. New moon 2½ pm.	·10 ·05 ·03	NW 1. NW 1. NW 0.	48	60	65	Chiefly fine & some sun, but many clouds and a few drops at times, more clouded after 5 pm. and continual hard rain from 6 till 9½ pm. very distant Thunder all the afternoon.	56
Wednesday, July 10.	·12 ·14 ·15	W 2. NW 2. NE 0.	47	59	67	Clear morng, and a fine bright day with cumuli & cirri clouds; Hazy eveng & much cirri & cirrocumuli in extensive beds.	56
Thursday July 11.	·17 ·21 ·23	Var 0. Var 0. E 1. ESE 1.	49	64	70	Very fine bright morng, with a fine bed of undulated & ribbed cirrus, close day with sun at times, rocky cumulostrati & mixed clouds. very pleasant & very little wind. Blue clouds & some haze in the Evening. —	61
Friday. July 12.	·25 ·20 ·20	SE 0. SE 1. SE 1.	55	62	67	Close and cloudy more or less all day, a little sun after 3 pm, fine and pleasant day & very little wind. — Evening fine with grey clouds & sun.	60
Saturday July 13.	·18 ·16 ·16	NE 1. NE 2. NE 1.	45	65	72	Very fine and bright, with small cumuli; quite clear at noon, but an Arc of undulated cirrostrati rose from NE, at 3 pm & glided over all the rest of the day. —	60
Sunday July 14.	·21 ·20 ·21	NE 1. E 2. E 1.	56	67	76	Very fine, bright sun, and electric beds of light cloud, continued a fine, bright and very hot day. — Clear golden sunset, curdled in South, & about the zenith, much electric appearance. —	65
Monday July 15. □☉♃ *☿♂	·15 ·12 ·12	E 1. E 2. E 0. E 2.	59	74	83	Clear orange ☉ rise; small curdled electric clouds at 7 am, very bright day, and extremely hot, with a fresh breeze, and some distant electric groups on W horizon; and in SE from 6 pm all the eveng very rocky & red. Vivid lightning and thunder in the SE and East from 8½ pm till midnight, more or less distant, but some very near. — ☞ → **A most awful Storm of Thunder,** terrific lightning, and detonating reports commenced at ½ past 12 to night, and raged several hours with much damage throughout the country!	71

JULY 1850.

1850.	Barometer	WIND.	Thermometer out doors lowest	9 a.m	highest	NATURAL OCCURRENCES.	Thermometer 8 pm
Tuesday July 16. ☞	30·10 30·08 30·08 ·10 ·07	E 1. E 2. Var 0. E 1. E 1.	62	74	82	☞ Violent snapping Thunder, with most awful lightning from before 1 am, till after 3 am, and heavy rain & hail at times. about ½ past 1 am, there were 8 most dreadful crashes, enough to daunt the stoutest mind, and a house was struck and burnt down at Stoke Ash, occupied by Mr Cozens, farmer. At Stonham Parva and Claydon, the rain fell in torrents & the hail was large. Continued thunder & lightning Northward till 7 am, bright and extreme hot morning with distant electric groups. Very bright and extreme hot till 2 pm, then continual thunder westward in huge towering clouds, Eveng clear and serene. Fog came on after 10 pm. —	71
Wednesday July 17.	·03 ·01 ·03	NE 1. NE 1. NE 0.	60	71	83	Fog till after 6 am; very bright day, and excessive hot till 2½ pm, then became thick in SW, with distant Thunder, and a hazy eveng, with continued Thunder in SW till after 7. Fog came on again from NE at 8 pm, and somewhat cooler.	66
Thursday July 18.	·07 ·09 ·09	NW 1. NW ½. Var 0.	61	67	72	Foggy till after 8, then cloudy more or less and very sultry, with scarcely any sun; some rain at 1½ pm, and at 4 pm, and very distant Thunder; close and calm evening, with much mottled cloud; — rain at times all the night.	67
Friday. July 19.	·05 ·07 ·07	NW 0. NW 0. N 1.	61	64	64	Rainy morng, and quite clouded all day, with some light rain at times, and no wind. Eveng fine, much clearer, and a little sun. —	61
Saturday July 20.	·09 ·10 ·10	NE 1. NE 1. E 1.	58	60	65	Overcast and hard rain from 8 till 10 am, chiefly cloudy till after 4 pm, but fine, and in the Eveng a little sun, night chiefly fair and close, with mottled clouds.	62
Sunday, July 21.	·13 ·11 ·12	SE 1. SE 2. SE 1.	58	66	74	Close and much mottled cloud; became clear after 11, very bright and hot afternoon, and clear evening, except a train of cirri on NW horizon. —	65
Monday, July 22.	·13 ·16 ·13	SE 2. SE 3. SE 1.	56	74	79	Clear rosy ☉ rise; continued very bright, and excessive hot, but more wind after 11 am, Eveng rather hazy with much cirri. Fine night, thin haze, & very sultry.	66
Tuesday, July 23.	·07 ·01 29·97	SE 2. SE 3. S 4. S 1.	61	77	83½	Clear except light cirri, before 8 am 70°. continued bright, and excessive hot; at 5 pm an Arc of dappled cloud rising SSW with very distant Thunder, a sudden wind at 7½ pm. black & undulated all round South, rain from 8½ pm with distant Thunder and lightning in SE, rain at times all the night, and continued distant Thunder. At 10½ pm Therm 70°!	73

JULY 1850.

1850.	Barometer	Wind.	Thermometer out doors lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm
Wednesday July 24	30·00 ·07 ·07	W₂. W₁. SW₁.	60	61	71	Full moon 5½ am; cloudy, little rain at times, cleared off after 10 am, fine bright and warm noon & afternoon, gentle breeze & cumuli clouds. Evening bright till ☉ set, but some dark electric clouds Southward rather rising. Again clear after 10 pm.	65
Thursday. July 25.	·03 29·88 ·75 ·70	Var₀. SE₄ SSE₁	55	63	65	Much streaked cirrostratus and mixed cloud, rainy from 12 noon in fitful showers all the afternoon, and at ½ past 5 a tremendous heavy storm of rain afterwards rather finer, but more heavy showers at 10 pm.	63
Friday, July 26.	·72 ·74 ·80	SW₂. W₃. W₂.	54	62	66	Stormy sky, many low clouds, and little sun, but very heavy showers after 3 pm, Eveng finer, but many heavy clouds, very low and dark. Showers during night.	60
Saturday, July 27.	·80 ·78 ·88	W₁. NW₁. N₁.	55	60	65	Continual showers, and sometimes heavy little gleams of sun at times, but chiefly dark and wet. Eveng brighter and fine after 5 pm. Night chiefly fine.	60
Sunday. July 28.	30·02 ·06 ·11	NW₂. N₁. N₁.	55	64	65	Flying clouds and sun during the morning, and fine till noon, afterwards cloudy & almost continual showers. Eveng finer, and night fair & close.	58
Monday, July 29.	·17 ·22 ·22	NE₁. NE₂ NE₁.	57	66	69	Fine and close, rocky cumuli & hot sun after 8½ am, continued fine and pleasant with mixed clouds & sun. — Close & cloudy evening.	62
Tuesday, July 30.	·32 ·30 ·28	NE₁. NE₁. SE₁.	59	65	72	Close & sultry morng, cloudy till after 10 then a bright & hot day, with cumuli clouds & gentle wind. Bright and hot eveng, wind veered to SE. Fog after 9.	65
Wednesday July 31. ♂♀☿	·23 ·21 ·25	Var.₀. W½. N₀.	57	67	78	Fog below, gay & dappled upward, became bright & hot, but hazy & dappled; very sultry day, no wind, chiefly hazy, and dappled, but sunny at times. Very sultry and close evening.	70

Results July 1850.

Rain 5·16 winds NW. NE. & SE	Barometer	Highest on 30th	30·32. Inches.
		Lowest on 25th	29·70.
		Range	0·62
		Mean of month	30·07
Fine days 19.	Thermometer	Highest on 23rd	83°5.
		Lowest on 13th morng	45.
		Range	38·5.
		Mean of month	63·18.
		Mean daily Range	15·88.

Conclusive remarks July 1850.

The month past was exceedingly hot and sultry with the most terrific thunder storms for very many years past. The rain fell in great and sudden quantities, so amounting to a large quantity, yet we had many very fine days, and on the whole perfect summer reigned.

The public health suffered during the sultry heats, and thunder, from langour & debility with loss of appetite. —

AUGUST 1850.

1850	Barometer	Wind	Thermometer out doors lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm
Thursday Augt 1st.	30·29 ·31 ·30	NE₁. NE₁. NE₀.	60	66	71	Light curdled clouds, but soon bright. very fine pleasant day, many light clouds and sun: calm and very close evening, much mottled cloud. —	65
Friday, Augt 2.	·23 ·18 ·15	NE₀. SW₁. SW₀	55	64	74	Calm, pleasant morng, beautifully curdled and sun between; a very fine, hot, & close day many grey clouds, and some blue haze. Very close and sultry evening. —	67
Saturday Augt 3.	·20 ·17 ·15	W₁. W₁. SW₀.	63	71	75	Very fine, bright, and very hot, some clouds about noon, but again bright after 3 pm: very bright and hot evening, and no wind.	68
Sunday, Augt 4.	·07 ·00 29·98	SW₂. SSW₃. SW₁.	57	71	77	Flying clouds and sun, very hot day, but more wind & light cumuli all day, with collapsed cirri in upper current. Clear eveng much less wind, and orange ☉ set.	70
Monday, Augt 5.	·92 ·84 ·80	SW₂. S₁. SSE₁. SSE₁.	60	72	83½	Cloudy close morng, clear after 8 am, bright and extremely hot; at 11 am 80°, at noon 82, and from 1 till 4 pm 83½; few very small clouds, and bright sun, much dappled in zenith all the eveng, and rocky headed electric cumuli based on plane cirrostrati in SE. tinted red by the setting sun. — Distant lightning S. at 9 & 10 pm. —	74
Tuesday, Augt 6. ♂♀♃	·91 ·89 ·89	W₁. W₀. SE₁. Var.	59	67	74	Light clouds, thin haze, and sun, fine calm, and hot, but less so than yesterday; more hazy after 3 pm, and distant thunder; wd again to Eastward: cloudy and close evening. — Vivid lightning in west, and little rain after 10 pm. —	65
Wednesday Augt 7.	·96 30·02 ·03	WNW₁. NW₁. W₁.	57	63	75	Cloudy, with blue haze till near 11 am, afterwards very bright and hot with small cumuli; evening close and mottled sky. New moon 9½ pm. — Hazy night.	68
Thursday Augt 8.	29·89 ·89 ·81	SW₁. SW₂. SW₁.	60	67	78	Little showers early, sultry morng, and a very hot and close day, many mixed clouds and sun at times; eveng cloudy and still hot & sultry. —	70

August 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.
Friday, Augt. 9.	29·81 ·79 ·80	SW 4 WSW 5 WSW 4	58	67	71	Little shower early, windy with many flying clouds, and bright sun at times, some showers flying over in the afternoon, and more passing in the North. Eveng fine but windy.—	63
Saturday, Augt. 10.	·90 30·00 29·99	W 2. W 3. W 1	58	65	72	Flying clouds & sun with brisk wind: fine, warm, & pleasant day; evening bright, less wind & curdled trains of cloud. Very sultry night.—	67
Sunday, Augt. 11.	·92 ·88 ·89	SW 2. W 3. SW 2.	62	69	76	Bright with cumuli clouds, and brisk wind, but hot and sultry day till 5 pm, then a dark cloud & squall at SW, cooler eveng & much coppery cloud.— Fine night, & partly clear.	62
Monday Augt. 12.	·88 ·96 ·98	SSE 2 SE 2. E 2. NE 2.	54	63	72	Fine & chiefly bright, much electric cloud at a distance, very rocky towering cumulostrati, banded across their crowns by light plane cirrostrati. Eveng clear upward.—	60
Tuesday, Augt. 13.	·98 ·96 ·97 ·96 ·99 N B	Var ½ NW 1 W by N 1 Var. 0 NW 1 This day produced many unusual, and highly interesting pictures in the sky! —	56	66	74	Fog till after 7 a.m. bright in the day with rocky cumuli, and very hot till after 12: then vast rocky towering clouds, with sudden heavy rain and distant Thunder. At 2 pm a splendid group of beautiful clouds in the north and much thunder, the base black, and the summit crowned with bright white rocks. they glided from E to W. while the lower current was NW. The whole sky decked in electric beauty & at 3 pm thunder in SE, also, but fine & bright here from 1½ pm; another great Thunder cloud SE at 4½ pm.— At sunset a beautiful scene, the sun's rays after diverging to the zenith from behind a rugged nimbus in WNW again converged to a point behind another nimbus in ESE. Night foggy.—	62
Wednesday Augt. 14. ♂☌♃ – △⊙♄	30·15 ·16 ·16	NE 1. NE 2. NE 2.	59	63	70	Cloudy till near noon, afterwards bright with loose cumuli; evening rather hazy with red cirri extensively spread in all points: some Meteors falling from N, and became cloudy with distant lightning & Thunder all night.	62
Thursday. Augt. 15.	·14 ·12 ·10	NE 2. N 2. 3. N 3.	59	64	68	Cloudy morng, much Thunder Eastward; the lower clouds partially broke away at 9; electric rocky cumuli upward, clouds flying all day, some sun, & beds of dappled cloud above the lower scuds.	60
Friday Augt. 16.	·05 ·08 ·11	N 3. N 3. N 1	57	69	74	Bright and hot, with cirri, and cumuli, and brisk wind: evening clear, except a sheet of curly cirri about the setting sun.— Night clear, and wind ceased.—	63

AUGUST 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 9 pm
Saturday Augt. 17.	30·12 ·10 ·09 ·11	SE 0. W 1. W 0. NW 1. NE 1.	55	67	75	Mottled clouds in the morng, some sun in the middle of the day, with dark blue clouds, & very hot and sultry; very dark in WNW at 3¼ pm— and a gentle rain followed, but soon ceased; again very black in NW at 6¼ pm followed by a heavy shower for ½ an hour. Close and hazy eveng: night clear	63
Sunday, Augt. 18.	·11 ·01 29·87	SW 1. SW 3. WSW 4	57	63	75½	Foggy morng; bright and hot day with cumuli clouds; more clouded after 2 pm, much plane cirrostratus, and became windy, but still hot and sultry.— Close, cloudy, and windy evening.— Night clearer & dappled sky.	67
Monday Augt. 19.	·85 ·81 ·82	WSW 4 WSW 5. W 3.	54½	65	69	Squally wind with sun, and flying clouds, very trifling showers after 1 pm, but fair bright and windy from 2 pm, with heavy cumuli. Eveng & night clear & windy.	59
Tuesday Augt. 20.	·75 ·81 ·83	W 4. W 2. W 1..	51	60	68	Bright with cumuli and wind, little flying showers about, and some large drops here at 1½ pm, & 4 pm— wind less, and by sunset nearly calm. Fine evening, but showers distant N & S.—	55
Wednesday Augt. 21.	·79 ·77 ·70	SW 1. S 1. NE 1.	47	58	61	Hazy with dark cumuli and dim sun but nearly calm, darker sky and rain all the afternoon & evening, but became fine before midnight.—	55
Thursday Augt. 22.	·92 ·95 ·97	SW 2. SW 3. SW 1.	44	60	68	Bright with cumuli fine till 3 pm, afterwards slight flying showers, and many stormy looking clouds; mixed clouds in the eveng, and red sky. Full moon 9 pm.	57
Friday, Augt. 23.	30·02 ·05 ·07	SW 1. SW 1. SW 1.	50	63	70	Bright with rocky cumuli, and dappled trains upward: continued bright, very warm and pleasant day, but little wind.— Rocky and electric in the Evening, some distant rain.	60
Saturday Augt. 24.	·13 ·12 ·12	SW 1. SW 1. SE 1.	47	65	70	Bright and hot till after 11 a.m., with rocky cumulostrati, & very electric; hasty showers with hail, lightning and Thunder at 11½ a.m. and 2 pm. clouds very black and extensive in SW & W, just before 2 pm.— Very heavy thunder storms in NW, at 6 & 7 pm.	60
Sunday, Augt. 25.	·16 ·07 29·98	SW 2. SW 4. SW 5.	51	61	68	Hazy with many clouds & gusty wind, but sun at times till 1 pm, afterwards very windy & dark sky, followed by rain at 4 pm: rainy & windy eveng, but warm.	62
Monday, Augt. 26	·87 30·09 ·22	WSW 5. W 4. WNW 3.	62	67	70	Cloudy, warm & windy with drifty rain till 8½ a.m., afterwards cleared, fair and bright all day from 9½ a.m., with cumuli, and a brisk wind. Clear eveng, and night, and the wind much abated.— Rather hazy about the west horizon.	60

AUGUST 1850.

1850.	Barometer	Wind	Thermometer out doors lowest	9 a.m	highest	Natural Phenomena	Thermom. 8 pm.
Tuesday, Augt. 27.	30·33 ·04 29·99	SE1, SE3. SSW4 SW5.	45	59	68	Dappled & electric, and rather hazy, considerably so all the forenoon, some sun at noon and till near 4 pm — then again very hazy and cloudy, more wind & a few drops of rain. Sultry even.g much low cloud, & some rain at midnight.	64
Wednesday Augt. 28.	30·11 ·21 ·22	WNW3 NW2 NW2	52	60	68	Squall & rain just before 1 am; bright morn.g much cooler than last even.g, continued very bright with loose cumuli; evening hazy with cirri clouds. Night clearer.	57
Thursday Augt. 29.	·22 ·20 ·25	NW2 NW2. NW1.	47	60	63	Bright morn.g, some cumuli and mixed clouds after 10 a.m, but sun at times; more clouded & cool breeze after 2 pm; Cloudy evening — but night clear.	55
Friday, Augt. 30.	·30 ·33 ·37	NW1. NW1, NW0	44	62	66	Quite clear, very bright all day, with small cumuli, no other cloud, and very little wind; clear even.g, and rosy sunset.	53
Saturday, Augt. 31.	·37 ·38 ·40	NW1. NW1. NW2	45	60	62	Clear morn.g, but soon cloudy, and more or less cloudy and thick all day from 9 a.m till 5 pm, then a bright even.g, but again lightly clouded at sunset. — Closer night.	57

Results for August 1850.

Barom.r	Highest on 31st —	30·40	Thermom.r	Highest on 5th — 83½
	Lowest on 21st —	29·70		Lowest on 22d & 30th — 44
	range	·70		range — 39½
	Mean of month	30·18		Mean of month — 63·08
				Mean daily range — 16·70

Winds chiefly Westerly, fine days 22. Depth of rain 1·76 Inches.

This month was on the whole favourable for the Harvest which was completed most generally during the 3 weeks — from the 5th day. The crops are variable, but not heavy as the blight has greatly injured the Wheat.
There was very little sickness during the month of any kind, in the rural districts, and no great disease has been noted in the Towns.

September 1850.

1850.	Barometer	Wind	Thermometer out doors lowest	9 a.m	highest	Natural Occurrences.	Thermom. 8 pm
Sunday, Sept. 1.	30·42 ·45 ·45	W0. W0. W0.	52	61	68	Grey lofty clouds, calm morn.g, little sun, low fog & misling a few minutes at 11 a.m, afterwards sultry and fine, sun at times and hot afternoon; very calm & pleasant; Close & electric evening. —	62
Monday Sept. 2.	·47 ·45 ·42	NW1. W1. W1.	55	63	74	Close & little foggy morn.g, clearer after 10 a.m, bright and very hot afternoon, small cumuli only. Sun set clear except thin haze & cirri in horizon. — Clear night after 9 pm. —	64
Tuesday Sept. 3.	·32 ·30 ·29	NW2 NW0 N1.	53	60	67	Cloudy, and chiefly so all day, but some sun about 1 and 2 pm; — evening cloudy and a little misling at 7 & 8 pm, afterwards clearer.	60
Wednesday Sept. 4.	·38 ·42 ·43	N1 NW2. N2.	49	59	62	Bright morn.g; but grey clouds & cool wind in the day, yet very fine; and the evening cloudy and very cool. Fine night and chiefly clear. —	54
Thurday, Sept. 5.	·43 ·42 ·42	NW1. NW1. Var0.	46	57	63	Clear morn.g; very fine day, with grey clouds & sun; sun set red in a dusky haze, curdled clouds in zenith & elsewhere, and no wind. —	54
Friday, Sept. 6.	·35 ·39 ·44	NW1 NNW2 NW1.	47	56	62½	Bright with light clouds. New moon 5h a.m; fine day with sun, and heavy cumuli, very cool breeze, & stormy looking sky; Clear even.g & yellow sunset.	55
Saturday Sept. 7.	·47 ·49 ·51	NW1. NW1. NE½	46	59	62½	Grey clouds and sun, very fine day, fresh breeze & rather cool, but pleasant and chiefly but lightly cloudy & sun between; Fine night and in part clear. —	55
Sunday, Sept. 8.	·52 ·50 ·50	N2. N2. N2.	48	59	60	Some sun, but much cloud, yet very fine, and a cool breeze, more clouded after 1 pm, and continued more or less so all the evening & night.	55
Monday Sept. 9.	·47 ·45 ·43	N2. N1. N0.	50	56	59	Cloudy and misling at times, a little sun about noon, but again cloudy and cool. Calm even.g little mild misling at times. Close night & warmer.	55
Tuesday, Sept. 10.	·46 ·43 ·41	Var0. ESE1 E0.	51	60	65	Close & calm, very warm pleasant day, hot sun at times and grey cumuli in loose fleeces, even.g cloudy calm & close, but the western horizon was quite clear some hours after sunset.	58
Wednesday Sept. 11.	·41 ·40 ·41	E1. SE2 SE1.	53	60	65	Grey clouds & gentle wind, very fine, warm and pleasant day, some sun at times; clear starlight even.g, and very heavy dew during night. —	56
Thursday Sept. 12.	·40 ·39 ·41	E1. E2. SE½	42	62	68	Very bright sun, and small cumuli, with a brisk parching wind, exceedingly fine and pleasant. Even.g quite clear, and the sun set in full splendor. —	55

September 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	Natural Phenomena.	Thermometer 8 pm.
Friday, Sept. 13.	30·42 ·41 ·41	Var 0. E 2. E 2.	44	61	66	Mist on the valleys, clear upward. exceedingly fine with electric cumuli, and bright sun; so continued all day. Eveng bright star light & moon set clear.	55
Saturday, Sept. 14	·38 ·38 ·40	E 2. E 2. E 1.	45	61	64	Bright morng, mist on the vales, very fine sunny day with cumuli and electric beds of cloud. Night chiefly clear.	53
Sunday, Sept. 15.	·42 ·41 ·41	NE 1. NE 2 NE 2.	46	59	64½	Cloudy, little misling, clearer with sun and large electric mixed groups of cloud; more clouded & dark from NE after 2 pm, and cool breeze. Clearer at 8 pm, and curdled upward. Very fine night, no dew. —	56
Monday, Sept. 16.	·42 ·41 ·42	NE 2. NE 2. NE 2.	51	62	67	Cloudy and rather curdled, in the morning, bright after 12, with small cumuli, & parching wind. Exceedingly fine and pleasant.	58
Tuesday, Sept. 17.	·43 ·38 ·38	NE 2 NE 1. NE 0.	53	60	61	Grey clouds and sun, very fine and pleasant, more cloudy in the day, but very fine; evening calm, and cloudy. — Night clear. —	56
Wednesday Sept. 18.	·21 ·10 ·08	E 1. SE 2. ESE 1. E 0.	50	62	65	Bright & warm, with cumuli & cirrocumuli clouds, in dappled beds, exceedingly fine and pleasant. Close eveng and curdled clouds, sun set in salmon tint. — Night foggy & calm, but moon shining through. —	57
Thursday, Sept. 19.	29·98 ·94 ·91	E 1. SE 2. SE 2.	46	64	69	Fog below, clear upward; became bright and hot; a very fine summer-like day, dappled & electric, but bright. Close eveng & very warm night.	61
Friday, Sept. 20.	·85 ·77 ·77	SE 2. SE 2. SE 1. S 4.	57	66	68	Bright and hot with dappled sky, in the morng, more cloudy & hazy after 9 am, a little shower at 10, afterwards fair & close, with much cloud, & little sun, another little shower 5 pm, afterwards very hazy & close. Stormy rain during night. Wind squally.	61
Saturday, Sept. 21.	·64 ·86 ·98	S 5. SSW 3. SW 1.	58	63	68	Windy with sun & flying clouds, very fine and warm day, less wind, and very pleasant. Evening and night clear moon bright. Full moon 1 pm.	58
Sunday, Sept. 22.	30·07 ·03 ·01	SW 0. SW 2. SE 0	49	60	70	Hazy morng, became bright and hot with rocky cumuli & mixed clouds. Distant showers westward at 1 pm. and a little rain here at 2pm, afterwards very bright; arcs of cirri at 8 pm. —	60
Monday, Sept. 23.	·00 29·98 ·92	SE 0 SE 1. E 1.	55	64	67	Hazy & electric, but chiefly fine, and very warm, with sun at times; close eveng, and vivid lightning in SSE from 7 pm: continued sharp and quick in same point till 10 pm, fine calm & hazy night.	60

September 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	Natural Phenomena.	Thermometer 8 pm.
Tuesday, Sept. 24.	29·93 ·88 ·89	SE 0. SE 0. Var 0.	52	63	70	Rocky, dappled, & electric, beautiful towering clouds, hot sun at times & no wind. Distant Thunder in E. & NW, 3 pm; showery at a distance; & a few drops here at 4 pm. — Fine eveng, with rocky groups of cloud. — Foggy night.	60
Wednesday Sept. 25.	·91 ·95 ·97	Var 0. SW 1. Var 0.	51	59	65	Foggy morng, cloudy till 11 am, afterwards bright calm & hot, with very light clouds: sun set deep rose colored in pale haze. — Night chiefly clear.	58
Thursday, Sept. 26. ☌ ☉ ♃	·95 ·93 ·92	SE 2. SSW 3. W 3. SW 2.	52	62	63½	Dappled above, and scuds below, warm morning, more lowering after 11 am, squall of wind at noon, followed by rain from 1½ pm, at times till midnight, but fine between 4 pm & 7 pm. —	57
Friday. Sept. 27. ☌ ☿ ♂	·92 ·95 ·92	SW 1. SW 2. SW 2.	51	62	65	Bright with loose cumuli & cirri; very warm and pleasant day, and chiefly sun, but some rocky clouds with distant rain at times. Close eveng, & stormy night.	57
Saturday, Sept. 28.	·67 ·91 ·99	W 6. W 4. W 2.	54	58	63	Strong gales & rain at 2 & 3 am, fair and bright after sun-rise, drying breeze, and cumuli clouds; evening fine and at times chiefly clear.	55
Sunday, Sept. 29.	·97 ·92 ·71	SW 2. SW 2. S 2.	48	56	62	Hazy & rather clouded, but in the middle of the day, chiefly sun & cumuli: after 4 pm showery with dark clouds, heavy shower at 5, and a stormy night.	55
Monday Sept. 30.	·40 ·43 ·39	W 6. W 4. W 2.	48	52	59	Strong wind & much cloud, cold and boisterous forenoon, brighter afternoon with cumuli only & wind abating; eveng cloudy, & a little rain.	53

Results for September 1850.

Barom.			Thermom.		
Highest on 8th	30·52		Highest on 2d	74°	
Lowest on 30th	29·39		Lowest on 12th	42.	
Range	1·13		Mean of month	57·583	
Mean of month	30·18.		Extreme range	32.	
			Mean daily range	14.	

Fine days 26! rain only 1·26 Inch, winds chiefly SE. SW, & NW.

This was a remarkably fine, dry, and pleasant month throughout, with very little sickness in town and country. —

October 1850.

1850	Barometer	Wind	Thermometer out doors lowest	8 am	highest	Natural Phenomena	Thermometer 8 pm.
Tuesday Octr 1.	29.31 .43 .64	NW1 NW1 NW2	46	50	57	Cloudy at first, a little sun at 9 am afterwards rainy and dark till 11, the rest of the day showery & sun at times. Eveng showery & more wind.	53
Wednesday Octr 2.	.84 .91 30.00	NW1 SW0 W0	48	54	62	Very fine, bright & warm with light fleecy cumuli. Evening clear star-light, mist below & no wind. — A dappled screen of cloud finely divided about the setting sun.	53
Thursday Octr 3.	.03 .03 .03	W0 W1 W0	47	52	59	Foggy & close morng, some sun after 9 but chiefly hazy & thick more or less in the day. Eveng quite calm & clouded, very mild & pleasant. —	54
Friday Octr 4.	.03 29.98 .97	S0 W0 SW0	50	54	61½	Very fine calm and pleasant day, but hazy with continual light cloud. Evening very close, calm, and warm, and quite clouded.	56
Saturday, Octr 5. New moon 3 pm.	.88 .90 .90	SW0 SW1 SW1	47	52	61	Foggy morng, bright & warm day, with rocky groups of electric clouds at a distance; much lightning all the eveng in the W, SE, & E. & distant thunder.	49
Sunday, Octr 6.	.88 .81 .64	SW1 SW2 S4 S5	41	48	61	Bright with cirri, and cumuli, warm and pleasant, so continued till after 3 pm, then hazy & darker clouds, followed by wind in the eveng, dark & stormy sky. Windy all night & rain at times.	55
Monday, Octr 7.	.39 .52 .60	S6 SW6 W7 W5	51	54	60	Strong wind and flying clouds, some rain early, but a fine drying day, windy throughout, and the evening the same.	52
Tuesday Octr 8.	.64 .75 .84	W5 W4 W2	46	53	60	Very fine, bright and windy; but warm and pleasant, more cloudy after 4 pm and wind abated to a calm & close evening, — chiefly cloudy & very mild.	54
Wednesday Octr 9.	.95 30.05 .08	W0 NW1 NW0	46	51	59	Exceedingly fine, bright, calm & warm with rocky cumulostrati at a distance, a few drops of rain at 3 pm: clear eveng & quite calm, lightning Eastward.	48
Thursday, Octr 10.	.12 .08 .03	NW2 NW2 NW3	42	49	56	Very fine, bright sun, and large cumuli, more clouded after 3 pm, rather hazy and dappled. Evening cloudy and wind rising all night.	50
Friday. Octr 11.	29.95 30.05 .17	NW4 N5 N3	42	45	53	Squally wind, frequent showers of rain & sun at times, some hail and sleet in some of the showers. Evens finer and less wind.	45

October 1850.

1850.	Barometer	Wind.	Thermometer out doors lowest	8 am	highest	Natural Phenomena.	Thermometer 8 pm
Saturday Octr 12.	30.37 .41 .47	N1 N1 NW1	41	46	54	Flying clouds & sun, a few drops at times in the morning, but chiefly fair; very fine sunny afternoon, and fine starlight evening, with streaks of Aurora Borealis.	45
Sunday, Octr 13.	.37 .30 .26	W1 W1 W1	38	44	53	Cloudy more or less, very little sun, but fine and scarcely any wind. Evening also cloudy, and close, but still fine and wind gentle.	46
Monday, Octr 14.	.13 .07 .00	SW2 SW3 SW3	45	49	55	Cloudy, but fair: continued very fine, with drying breeze & little sun, but chiefly more or less cloudy. Close eveng wind rising, and much cirrostratus in Arcs from SW. — Night clearer & less wind.	48
Tuesday. Octr 15.	.13 .18 .18	NW1 NW2 W1	37	41	52	Very fine, chiefly sun, but thin haze, and light clouds, yellow streaked sun-set, and bright moon & coloured haloes all the evening. —	41
Wednesday, Octr 16.	.15 .13 .15	W1 SW2 SW1	38	43	61	Very bright all day, and very warm and pleasant, with gentle breezes. clear evening moon very bright, and a light wind at times.	50
Thursday, Octr 17.	.13 .10 .14	SW2 SW3 SW1	42	49	60	Bright sun, fresh breeze, and light grey clouds, exceedingly fine warm & pleasant. Rosy & curdled sunset, and beautiful evening and night.	51
Friday, Octr 18.	.21 .20 .13	SW1 W2 W2	47	52	63	Exceedingly fine and warm, bright sun, and light curdled clouds, with gentle wind, warm eveng & night, and boisterous wind but fair.	58
Saturday, Octr 19.	.00 29.95 .99	W4 W3 W2	52	57	62	Windy but very warm, a little rain 8 am, but fine with sun in the day; many mixed light clouds, with brisk drying wind. — 9 pm — moon bright, & fleecy clouds. —	53
Sunday, Octr 20.	.98 30.00 .00	NW1 N2 N0	48	51	55	Cloudy, lowering & little rain at times, some sun, but many mixed clouds, and cooler wind. Bright moon evening night. —	44
Monday, Octr 21.	.01 .10 .16	N1 NE3 NE	38	46	52	Rocky clouds & bright sun; so continued till 1 pm, afterwards squally from NE, and some driving showers. — Eveng fair, and moon bright. Moon full 3 am.	40
Tuesday, Octr 22	.22 .10 .00	NW1 NW1 W0	38	46	51	Fair with sun, and rocky clouds, cool air and warm sun: evening hazy, and cloudy more or less all night. Some rain at times after midnight.	41
Wednesday Octr 23.	29.50 .30 .30	SSW4 S2 S3	39	44	49	Overcast, dark and rainy; continual rain and chiefly hard; evening the same, and wind squally.	40

October 1850.

1850.	Barometer	Wind.	Thermometer out doors. lowest	8 a m	highest	Natural Phenomena.	Thermom. 8 pm.
Thursday Octr. 24.	29·40 ·50 ·50	SE 3. SE 3. NE 4.	40	42	45	Cloudy, and dark, with light rain at times; evening dark and drizzling with more wind, and very blustering all night, but fine.	40
Friday, Octr. 25.	·60 ·61 ·63	NE 2. NE 2. E 1.	39	42	49	Cloudy more or less, and a little rain at times; harder rain at 2 pm, continued dark & cloudy, but finer evening and night. —	41
Saturday Octr. 26.	·70 ·81 ·90	N 1. N 2. N 1.	37	43	51	Many low clouds with sun at times, and occasional little showers, evening fine and chiefly bright moon all night. rather frosty, & fog below.	38
Sunday, Octr. 27.	30·00 29·97 ·88	NW 1. W 1. SW 2.	34	39	49	Foggy morng, but clear after 11 am, very bright afternoon with small cumuli; evening cloudy, and dark, little rain after 8 pm. —	41
Monday, Octr. 28.	·48 ·40 ·42	W 2. W 1. W 0.	39	44	52½	Much rain early, fine after 8 am, fine sunny day with mixed clouds, and very little wind; clear starlight eveng and frosty night.	43
Tuesday, Octr. 29.	·53 ·64 ·71	NW 2. NW 2 NW 1.	34	39	50	Clear and little frost, bright all day some small clouds, and distant haze, stars bright in the evening, and inclined to frost.	37
Wednesday, Octr. 30.	·79 ·74 ·80	W 0. SW 3. S 4.	32	35	49 to 52	Very white frost followed by increasing haze, thick blue haze after 2pm, and a few drops of rain. Close eveng more wind and sudden change to mildness Highest Thermomr 9 pm.	52
Thursday Octr. 31.	·91 ·95 30·07	W 2. SW 0. Var. 0.	45	47	54	Very fine with light clouds in the morning, bright, warm, & beautiful afternoon, some ribbed cirrocumuli in arcs; eveng calm & stars bright. —	44

Highest Baromr on 12th 30·47; Lowest on 23rd 29·30,
Range of Baromr 1·17 Inch. — Mean of month 29·903.

Highest Thermomr on 18th 63°, Lowest on 30th morng 32°;
Mean daily range 13°·22. —— range of the month 31°:

Mean Temperature of month 48°·83.

Winds chiefly W, SW, and NW.

Number of fine days, 23; depth of rain 2·14 Inches.

November 1850.

1850.	Barometer	Wind	Thermometer out doors. lowest	8 a m	highest	Natural Phenomena.	Thermom. 8 pm.
Friday, Novr. 1st.	30·03 ·04 ·05	SW 3. W 2. W 2.	41	49	60	Foggy & mild morng, rain from 8 am, misling till 10 am, afterwards sunny & warm with thin clouds; fine starlight evening, gentle wind and warm night.	54
Saturday Novr. 2.	·07 ·05 ·01 ·05	SW 3. SW 4. W 2.	49	58	63	Very fine, warm, & pleasant, chiefly sun till 1pm, afterwards more cloudy, but very warm and fine; evening clearer, and stars became bright after 9 pm. —	55
Sunday, Novr. 3.	·24 ·23 ·20	SW 1. SW 1 SW 3.	43	49	59	Bright and pleasant, exceedingly fine and bright all day, few clouds & very gentle wind; but more haze and wind rising all the night.	47
Monday, Novr. 4.	29·82 ·90 ·97	SW 7. WSW 6 WSW 5	45	56	58	Strong wind all the morng, and squalls of wind & rain till noon, afterwards fair & bright afternoon, less wind, and few clouds; eveng clear & windy. New moon 3 am. —	46
Tuesday Novr. 5.	30·07 ·02 ·00	SW 5. SW 6. SW 5.	43	48	57	Windy but fair & clear till 10, then more clouded, but again bright chief of the afternoon, mild & drying wind; eveng also windy mild and fine.	52
Wednesday, Novr. 6.	·14 ·13 ·18	W 2. W 4. W 2.	44	48	56	Very fine, bright all day, and a drying wind, with few light clouds; evening rather hazy, and light streaked clouds, but fine & very mild.	49
Thursday. Novr. 7.	·20 ·11 ·04	SW 2. SW 3. SW 4.	46	50	56	Very fine, with thin haziness and sun, a very mild pleasant and drying day; very red sunset, & cloudy evening, with much wind: and a little rain during night.	52
Friday, Novr. 8.	29·95 30·03 ·13	W 6. W 6. W 4.	45	49	54	Windy with flying clouds & sun, chiefly bright all day, light haze in streaks, and very drying wind: eveng & night fine and nearly clear, but less wind.	45
Saturday. Novr. 9.	·39 ·35 ·35	W 2. W 2. W 1.	39	46	54	Very fine, & chiefly sun, but hazy sky, more hazy towards evening, with much plane cirrostratus, but very mild and fine and roads dusty. —	53
Sunday, Novr. 10.	·32 ·30 ·28	W 1. W 2. W 2.	50	53	59	Very fine and mild with light grey clouds, chiefly bright after 11 am, few very light clouds, clear & beautiful moonlight eveng, gentle breeze & very mild & soft atmosphere. —	52
Monday, Novr. 11.	·17 ·12 ·08	W 2. W 3. W 2.	49	51	60	Mottled cirrostrati tinted by rising sun, but very fine & bright morng; thin cirrostrati all day, but often bright & very warm. Close eveng, and very drying till midnight, afterwards rain in sudden short showers. —	57

November 1850.

1850	Barometer	Wind	Thermometer lowest	Thermometer 8 a.m.	Thermometer highest	Natural Phenomena	Thermomt 8 pm
Tuesday Novr 12.	30·05 ·12 ·13	NW 1 NW 0 Var 0	52	56	56	Some showers at 2 a.m, very fine all day, light mixed clouds, & sun; very mild and pleasant; Eveng calm moon bright with a halo.	45
Wednesday Novr 13.	·10 ·05 ·07	W 0 NW 0 NW 1	35	40	51	Clear & little frost early, very fine & pleasant day, bright sun, with cirri & little haze. — Very hazy at 5 & 6 pm but afterwards clear moon-light.	43
Thursday Novr 14.	·20 ·27 ·33	NW 1 NW 2 NW 1	32	36	48½	Grey frost early, mixed clouds & distant showers of sleety rain in the day, but chiefly fine and bright. Evening and night clear and frost.	39
Friday, Novr 15.	·37 ·30 ·28	NW 0 NW 1 W 1	31½	37	48	Grey frost in the morng, fine day, and chiefly bright with hazy beds of light cloud at times. Eveng cloudy and hazy. Overcast night, and little fog. —	41
Saturday Novr 16.	·19 ·11 ·05	S 2 S 2 SW 2	40	45	53	Overcast & little fog, clearer about noon & very mild, but rainy after 4 pm, & hard rain 8 pm. — Night finer, and quite clear after 10 pm.	49
Sunday, Novr 17.	·17 ·15 ·16	W 2 W 2 W 1	38	41	50	Clear morng, and bright all day, with gentle wind. Hazy evening and moon dim with a halo, and the night very hazy, & a little rain.	41
Monday, Novr 18.	·02 29·88 ·80	SE 1 SE 2 S 3	38	42	50	Hazy more or less all day, but fine and mild. — Evening also hazy and thick, more wind & a little rain, more rain during night.	44
Tuesday, Novr 19.	·20 ·12 ·02	SW 3 SW 3 S 4	44	56	57	Showers early but fine after 8, and a mild sunny day; eveng clear moonlight, more wind & stormy at a great distance. Full moon 4½ pm.	48
Wednesday, Novr 20.	28·85 ·85 29·00	S 2 S 2 Var 0	45	49	54	Stormy morng with flying clouds — soon fair & clear, but after 1 pm overcast & rainy till near 4 pm. Eveng fair & clearer, but rain at times in the night. —	47
Thursday, Novr 21.	·57 ·70 ·82	N 3 N 1 N 0	44	47	49	Stormy rain early, but fine after 6 a.m, dark clouds till near noon, afterwards very fine with sun, and loftier clouds. — Eveng bright moonlight & calm.	42
Friday, Novr 22.	·80 ·70 ·64	SSE 2 SSE 3 S 4	34	37	51	Grey frost followed by dark overcast sky and rain at times, but chiefly misting, and much warmer towards night close and warm all night, some rain & rather squally.	51
Saturday, Novr 23.	·47 ·59 ·65	SSE 3 S 2 W 2	48	55	57	Very warm & lowering morng, showery and dark till noon, afterwards fair much clearer and colder with some sun at times. Clear eveng stars & moon bright.	46
Sunday, Novr 24.	29·40 ·25 ·11	S 6 SW 7 SW 7 SW 7	41	52	57	Strong gales of wind, and hard rain at times, wind and rain much increased at 2 pm, and very heavy storms of rain and wind at frequent intervals till after 5 pm. — Eveng finer, but very windy. Very strong wind all the night.	51
Monday Novr 25.	·12 ·20 ·27	SW 5 SW 3 WSW 1	45	49	53	Bright and windy, very drying till near 5 pm, then a hasty storm of rain for a few minutes, afterwards a fine & clear eveng. Very fine star-light night, and a little frost. —	44
Tuesday, Novr 26.	·41 ·53 ·64	SW 1 SW 1 Var 0	37	41	47	Very fine and chiefly bright till noon, with cirri in extensive beds, hazy afterwards, and red cirri in thick sheets at sunset. — Evening hazy more or less. —	41
Wednesday Novr 27.	·66 ·80 ·91	NE 3 NE 4 NE 2	38	38	44	Almost continued rain & sometimes hard, from 1 am, till 5 pm, and very dark, cold, and boisterous. Evening fine, and clearer, stars appearing & wind less. —	39
Thursday Novr 28.	30·23 ·34 ·41	N 0 N 0 N 0	33	37	44	Quite clear, little frost, very fine & bright all day, no wind, but a cold air. — Clear evening and sharp frost, continued so all night.	31
Friday, Novr 29.	·43 ·39 ·35	E 0 E 1 E 0	28	35	42	Clear except small grey cumuli, and sharp frost: bright all day, with keen air. — Evening clear and the frost again sharp, but less so during night, as clouds came on.	30
Saturday, Novr 30.	·27 ·20 ·20	NE 1 NE 0 NE 0	30	37	39	Chiefly cloudy and calm all the day, but very fine, and a keen air. — Continual dark & cloudy sky, and no wind. Evening and night the same and a frosty drying atmosphere.	35

Results for November 1850.

Baromr	Highest on 29th	30·43
	Lowest on 20th	28·85
	range	1·58
	Mean of month	29·93
Thermomr	Highest on 2nd	63°
	Lowest on 29.	28
	range	35
	Mean of month	46·90
	Mean daily range	11·30

Winds chiefly SW & W; fine days 23; rain 2·30 Inches. —

This month was very mild and fine till 16th, afterwards very changeable and frequent rains.

December 1850.

1850.	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Occurrences.	Thermometer 8 pm
Sunday, Decr. 1.	30·27 ·29 ·30	N E 0 N E 0 N 0	33	35	38	Cloudy and dark, no wind but very cold, and a flake or two of snow at times falling. Dark and cloudy evening and night, but milder in proportion to the day. —	36
Monday Decr. 2.	·40 ·38 ·36	S E 2 S E 3 S E 4	36	39	46	Cloudy but milder, and very fine and drying day, some sun in the middle of the day, less cloud. but a very cloudy eveng, and night throughout.	42
Tuesday, Decr. 3.	·30 ·27 ·25	S 2. S 2. S 1.	38	40	44	Continual cloudy & overcast sky, but very fine with a drying breeze. — Night overcast and rather foggy below. but fair. New moon 5 pm.	41
Wednesday Decr. 4.	·13 ·13 ·15	SSW 2 S W 2. S W 1.	38	44	52	Red East, hazy & fine till 1 pm, dark, & rainy afternoon till 3½ pm. — fine evening & very mild but hazy. — Close night and somewhat foggy.	52
Thursday Decr. 5.	·37 ·39 ·42	S W 2. W 1. N W 0	45	47	54	Foggy and close, very mild and dark air, low clouds or foggy more or less, with little or no wind. Night fine, fog below, clear upward.	51
Friday. Decr. 6.	·47 ·48 ·50	S E 0. S E 1. S 0.	39	44	53	Clear above fog below, very bright & warm in the middle of the day, but after 3 pm very thick fog, and so continued all the eveng, but less fog in the night.	47
Saturday, Decr. 7.	·49 ·47 ·46	S E 1. S E 1. S E 0.	44	45	50	Cloudy morng, bright calm & pleasant noon, and fine, still & star-light evening; — night fine but foggy, and damp very raw atmosphere. —	41
Sunday, Decr. 8.	·45 ·45 ·45	S E 1. S E 0. Var. 0	34	35	39	Very thick fog, and continued all day the same, and nearly freezing in the evening. — Fog all night, and frost with rime on the trees. —	33
Monday Decr. 9.	·42 ·40 ·38	E 0 E 0. S E 1.	27	27	35	Continual fog, frost and rime, very white on the trees. Froze all day, but in the night no frost. — and less fog.	35
Tuesday, Decr. 10.	·35 ·31 ·27	S E 2. S E 2. S 2.	34	40	44	Overcast fog at times, and often a little misling, but milder and rather more wind. Chiefly foggy more or less all the night.	39
Wednesday Decr. 11.	·15 ·10 ·04	S 2. S 2. S 2.	38	40	43	Thick fog till near noon, clearer afternoon but low clouds & fog at times. Evening less foggy & more wind at times.	40
Thursday, Decr. 12.	·06 ·04 ·06	S W 2. S W 2. S W 1.	38	44	50	Very foggy till noon, afterwards cleared off, and became bright just before sun-set. Very mild day, red cirri and long cirrostrati at sun-set. — Clear evening, moon & stars bright.	43

December 1850.

1850	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Occurrences.	Thermometer 8 pm.
Friday, Decr. 13.	30·02 29·89 ·87	SSE 2. SSE 2. S E 2.	39	41	49	Very foggy all the morning but mild, clearer & some sun about 1 & 2 pm, afterwards more or less foggy. Eveng fine, thin clouds & moon.	45 m
Saturday, Decr. 14.	·82 ·72 ·52	S W 3. S W 3. S W 7.	41	43	51	Storms of rain at 5 am, fair & bright all the forenoon with a brisk wind, more cloudy after 2 pm. and a very squally eveng: Violent gale at 8 pm with hail and heavy rain. Stormy night.	48
Sunday, Decr. 15.	·50 ·37 ·15	S W 5. S W 2. S W 2.	38	41	48	Heavy gales with rain at 1 am. and 4 am fine but stormy sky till noon, rainy afternoon more or less, and the evening also rainy. — Much rain through the night.	48
Monday. Decr. 16.	·29 ·23 ·02	S W 3. S W 2. S W 5.	39	41	48	Bright till after 3 pm — except cirri in sheets at 1 pm, cloudy from sun set — windy & wet evening. — Very strong gale through the night & much rain at times.	42
Tuesday, Decr. 17.	·32 ·23 ·12	W 7. S W 2. S W 4.	36	40	43	Bright morng, but hazy after 10 am — dark and rainy afternoon till near 5, evening fine & clearer, but the night often cloudy with little showery rain. —	37
Wednesday Decr. 18.	·45 ·52 ·47	W 1. N W 1. Var. 0.	34	37	42	Cloudy morng, but cleared after 10 — bright till sunset, & a keen air. Hazy and frosty eveng, clear upward, with lunar haloes. —	33
Thursday Decr. 19. Full moon 5 am.	·35 ·56 ·80	N E 2. N E 2. N E 1.	33	40	43	Storms of rain early and at times till noon afterwards finer with some sun. — Moon bright in the eveng with distant clouds of sleet.	34
Friday, Decr. 20.	30·12 ·27 ·32	N W 1. N W 1. N W 0.	31	31	40	Some light clouds with a little snow at 8 am, hard frost and chiefly bright all day; frost increasing in the eveng. clear and frosty night.	32
Saturday, Decr. 21.	·35 ·31 ·29	Var. 0 S E 1. S 2.	26	27	37	Sharp frost & very white, but soon changed with curdled red clouds at sun-rise. — Fine day but hazy with light clouds, and the eveng overcast and misling. —	37
Sunday, Decr. 22.	·49 ·56 ·58	N W 0. N W 0. N W 0.	32	34	40	Clear and frost, bright all day, but hazy below at sunset. Evening clear starlight, and hard frost. Hazy more or less in the night & no wind, but the frost not severe. —	31
Monday, Decr. 23.	·64 ·62 ·62	W 0. S W 0. Var. 0	28	30	43	Frost in the morng, red strecked sky with haze, but bright and calm all day. — Very red & hazy evening.	32

December 1850.

1850.	Barometer	Wind	Thermometer out doors. lowest	8 am	highest	Natural Phenomena.	Thermom.r 8 pm.
Tuesday Dec.r 24.	30·50 ·40 ·37	S 1. SSW 1. S 2.	32	35	40	Very foggy all day & little misling in the evening, dark and raw atmosphere. — Night clearer at times wind & little showers. —	34
Wednesday Dec.r 25	·02 ·06 ·07	W 3. W 3. W 4.	33	35	43	Clear, and continued very bright till near sun-set, afterwards rather cloudy and more wind. Night chiefly fine, but more or less cloudy. —	38
Thursday, Dec.r 26.	·22 ·21 ·22	W 1 W 1 W 1.	35	40	47	Very hazy & mild, dark & misling afternoon, but still milder: and the evening fine cloudy & warm for the season.	47.
Friday, Dec.r 27.	·26 ·24 ·22	WSW 1. W 2. W 2.	42	45	49	Very fine, light grey clouds in the forenoon, bright afternoon, very mild day. Overcast evening, little more wind but still fine and mild.	48
Saturday, Dec.r 28.	·29 ·25 ·24	WNW 4 W 4 W 5	36	39	45	Chiefly sun, but hazy and thin clouds with a brisk drying wind. Evening clearer, and rather more wind. — Fine night and still mild.	40
Sunday, Dec.r 29	·27 ·12 ·07	W 3. W 3 W 4.	38	40	48½	Very fine; drying & sunny till noon afterwards cloudy & a little rain. — Mild evens and more wind.	47
Monday, Dec.r 30.	·04 ·02 ·00	W 2 WSW 3 SW 4.	44	49	52	Very fine and very mild, light cloudiness and little sun at times. The evens also very mild, darker clouds, and more wind.	52
Tuesday Dec.r 31.	29·88 ·87 ·84	SW 3. SW 4. SW 6.	46	50	55	Lowering but chiefly fine, and exceedingly mild, with a brisk wind. and the night unusually close and warm. wind increasing at 12.	53

Results for December 1850.

Barom.r { Highest on 23.d — 30·64
Lowest on 16.th — 29·02
range — 1·62
Mean of month 30·09

Thermom.r { Highest on 31.st 55°.
Lowest on 21.st 26
range 29
Mean of Month 40·94
Mean daily range 9·16

Winds chiefly SW, SE, & W: fine days 24; rain 1·93 Inches.

This month was mild with an equal mixture of fine weather & showers, scarcely any frost & very little of any kind of Sickness. —

Summary of the year of Our Lord. 1850.

Monthly division of Winds.										General results.				
1850.	E	W	N	S	SE	NE	NW	SW	Prevailing winds	rain in Inches	fine days	Mean daily range of Thermometer	Mean Pressure	Mean Temperature
Jan.y	4	2	2	0	4	9½	4½	5	NE	1·81	18	8·56	30·04	33°·49
Feb.y	0	8	0	1	2	0	3½	13½	SW & W.	1·22	20	12·03	29·98	44·60
March	3½	3	7	0	3	3	7½	4	N & NW.	·54	21	14·74	30·22	41·16
April	1	3	1	3	6	5	3	8	SW. SE. NE	1·89	20	14·70	29·83	50·16
May	4	4	3	1	6	5	2	6	SE. SW. NE.	1·95	21	17·87	29·94	52·67
June	6	4	0	2	4	4	2	8	SW. & easterly	·83	24	21·73	30·19	62·266
July	4	4	1	0	6	6	7	3	NW. SE. NE	5·16	19	15·88	30·07	63·18
Aug.t	1	6½	2	3	½	2	6	10	SW. W. NW	1·76	22	16·70	30·18	63·08
Sept.	3	4	2	0	7	3	5	6	SE. SW. NW	1·26	26	14·00	30·18	57·583
Oct.r	0	10	4	1	1	2	6	7	W. SW. NW	2·14	23	13·22	29·90	48·83
Nov.r	1	6½	2	2½	2	2	4	10	SW & W.	2·30	23	11·30	29·93	46·90
Dec.r	1	6	0	3	7	2	3	9	SW. SE. W	1·93	24	9·16	30·09	40·94
1850.	28½	61	24	16½	48½	43½	53½	89½	SW & W	22·79	261		30·04	50·404

The Coldest days in 1850 were — January 14.th Therm.r 22° — Jan.y 22.d 19°! and March 26.th 16°!

The hottest — were June 21.st 83°; Sunday 23.d 84°., 25.th 83°; July 15.th and 17.th 83°. 23.d 83½; and August 5.th 83½. —

Lowest Barom.r February 6.th 28·74. and Nov.r 20.th, 28·85. — Highest March 12.th 30·61, and December 23.d 30·64. —

General observations
on the Year of our Lord
1850.

The Year 1850, was most remarkable for the following peculiarities. —

1st. A severe January continual frost and snow. —
2. — A mild and very windy February.
3. The extremely severe frost on 26th of March.
4. The hot and dry June.
5. The great heat in the middle of July with the terrific Thunder Storm of 15th and 16th.
6. — The fineness of the whole Autumn to Novr 16th.
7. — The mildness of December. —

As observed, & minutely registered in foregoing pages, by

Orlando Whistlecraft.

Thwaite,
December 31st 1850. —

January 1851.

1851.	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Phenomena. —	Thermometer 8 pm.
Wednesday, Jany 1st.	29·80 ·83 ·83	SW 6 SW 5. SW 4.	50	53	56	Dark and low clouds with boisterous wind and unusually warm for the season. Snowdrop & aconite partially opened flower, & primroses fully open in garden.	52
Thursday, Jany 2. New moon 11 am	·84 ·88 ·91	SW 4. SW 3. SW 2.	50	52	55	Very fine and mild, brisk wind, and dusky clouds: wind gradually less till it became very gentle after 8 pm. — very mild & cloudy evens and night. —	51
Friday, Jany 3.	30·12 ·10 ·03	NE 1. NE 2. NE 4. E 3.	44	46	48½	Fair with sun & mixed clouds till 1 pm then more cloudy, and from 3 pm overcast and continual rain from NE. — wet evens, & more wind, and much colder. Much rain till near midnight. —	43
Saturday, Jany 4.	29·95 ·91 ·88	S 1. S 2. S 1.	43	46	49	Fine but overcast till after 9, then very clear bright & warm till 3 pm, afterwards rather cloudy at times. Little showers during night.	41
Sunday, Jany 5.	·64 ·65 ·71	SE 1. SW 1. SW 0.	41	46	49	Close morng, dark & little rain, but became fair after 10, and a very bright and mild afternoon, and very little wind. — Calm evens, & partly clear.	37
Monday Jany 6.	·72 ·74 ·75	SW 0. SE 0 SE 0.	32	32	46	Calm, clear above, bands of fog below, very gentle frost: bright and calm day, red cirrostrati at sunset: and foggy evening. More or less foggy all night. —	37
Tuesday, Jany 7.	·70 ·65 ·60	SE 1. SE 1. SSE 2.	36	41	48	Cloudy morng, but soon clear, very bright and pleasant till after 3 pm, then cloudy and rain after 7 pm, increased at 9 but soon ceased. —	43
Wednesday Jany 8.	·62 ·61 ·61	SSW 1. SSE 2 S 3.	37	40	47	Very fine and bright with small thin clouds after a foggy morng; quite bright from 11 till 2 pm, more cloudy after 3, and a squally eve. windy & rainy at 7 & 8 pm, afterwards clear	43
Thursday Jany 9.	·81 ·98 30·12	SW 2. SW 2. SW 1.	36	40	45	Bright all day, but rather hazy about the horizon, and the sun set in cirri & cirrostrati. Clear evening, and rather frosty, but changed during night.	35
Friday, Jany 10.	·05 ·05 ·06	S 3. S 2. S 1.	34	39	48	Overcast & rain lightly all the day, evening very close, drizzly and mild, with but very little wind. Night finer but overcast & foggy. —	47
Saturday, Jany 11.	·21 ·19 ·18	SW 2. SW 2. SW 2.	44	48	51	Dark foggy & very mild, nearly the same all day, and the evening also very mild and cloudy. More wind in the night.	48
Sunday, Jany 12.	·04 ·07 ·10	SW 3. SW 2. SW 1.	46	49	52½	Cloudy more or less, & slight misling at times, very mild, and some sun at intervals; evening very fine, cloudy, and mild. —	48
						Note. — The primrose, polyanthus, snowdrop, & aconite have been in flower for a fortnight past; also the virginia stock.	

January 1851.

1851.	Barometer	Wind	Thermometer out doors lowest	2 pm	highest	Natural Phenomena	Thermometer 8 pm.
Monday Jany 13.	30·01 29·91 ·87	S 3. S 3. S 3.	44	47	50	Very fine and mild, but cloudy more or less, and a brisk wind. Evening also cloudy windy, and very mild.	46
Tuesday. Jany 14.	·69 ·58 ·53	S 3. S 4. SSE 5.	42	44	47	Very fine with boisterous drying wind cloudy and sunny by turns all day. Red plane cirrostrati at sun-set, and much scud passing the moon all the eveng.	41
Wednesday Jany 15.	·36 ·39 ·41	SSE 5. SSE 6. SSE 4.	39	42	50	Very fine with blustering wind, and much cloud but a little Sun at times; eveng chiefly clear moon light and parching wind, but mild for the season.	46
Thursday Jany 16.	·88 ·75 ·67	SSE 1. SSE 4. SSE 6.	36	39	49	Bright morng, & chiefly bright till noon, afterwards cloudy with boisterous wind - followed by rain at 9 pm, Squally & showery night.	47
Friday. Jany 17.	·69 ·77 ·81	S 4. 1 SW 3. SW 2.	44	45	51	Bright all day with distant Storms but mild & less wind. — Hazy eveng and dark clouds. Full moon & Eclipse 5 pm. — Much rain during the night. —	44
Saturday. Jany 18.	·99 30·12 ·19	W 2. W 1. W ½.	37	38	47	Very bright all day, scarcely a cloud seen, evening bright moon-light, and a little frosty: but a change to fog at midnight.	37
Sunday. Jany 19.	·21 ·13 ·09	SW 3. S 3. S 3.	35	42	49	Fog till after 8 am, then clear, bright and mild all day, but the evening hazy and dappled, Cloudy night and a keen wind at SSE & S. —	42
Monday. Jany 20.	·01 29·90 ·74	S 3. S 5. S 5.	36	39	44	Cloudy with a very raw blustering wind all day, very cold to the feelings, but less so in the eveng. Thermo all the afternoon 41°, but rising in the eveng, and a little rain after 7 pm - Storms of rain & wind during night.	44
Tuesday, Jany 21.	·52 ·62 ·63	SW 2. SW 1. SW 0.	44	50	52	Stormy sky in the morng, and a short shower at 11 am, afterwards fair and bright, continued mild weather. Storms of rain during the night. —	43
Wednesday Jany 22.	·88 30·10 ·22	SW 1. SW 1. SW 1.	35	35	47	Showery at 3 am, fine day and bright throughout, with gentle wind. — Fine and starlight evening, Night clear and gentle frost, very white on the grass after 12 pm.	37
Thursday. Jany 23.	·40 ·40 ·43	SW 0. SW 1. SW 0.	31	32	46	White frost, but gentle: bright and calm day, very fine and pleasant. Clear sun-set, gentle frost in the eveng, but became rather cloudy at 8 pm.	35

January 1851.

1851.	Barometer	Wind	Thermometer out doors lowest	2 pm	highest	Natural Phenomena	Thermometer 8 pm.
Friday, Jany 24.	30·32 ·25 ·24	SE 0. E 0. Var. 0	29	30	42	Hazy & hoar frost, cloudy after 9, more or less cloudy all day, and little rain at 3 & 4 pm. Eveng chiefly clear, and little frost. — Night hazy in part, but fair. —	34
Saturday, Jany 25.	·10 ·08 ·07	SSE 0. SE 1. SE 1.	32	32	41	Clear & little frost, bright till noon, but the afternoon hazy & rather cloudy. — Evening overcast and lowering, but somewhat clearer in the night.	37
Sunday, Jany 26.	29·98 ·90 ·84	SE 2. SE 3. SE 4.	33	36	39	Grey clouds, & sun with a dry breeze, fine but a very raw & cold air: more cloudy in the afternoon & rather more wind cold windy and dark evening, but a fine night, clearer, & less wind. —	35
Monday, Jany 27.	·98 30·04 ·08	SW 1. W 1. W 0.	34	39	47	Quite clear, very fine and bright all day, mild & pleasant, with very little wind; clear star light evening, & no wind, but the night changeable. —	35
Tuesday, Jany 28.	29·90 ·90 ·88	S 3. SW 2. SW 1.	35	43	49	Lowering & cloudy morng, but soon fair, and bright, very mild sunny, & pleasant day, with a fresh breeze. — Eveng cloudy and very little wind. Close night.	41
Wednesday, Jany 29.	·83 ·74 ·67	SW 3. SW 3. SW 4.	39	46	55	Dark and low clouds & very mild, clearer with sun about noon, afterwards again cloudy with more wind, but very mild. Some showers in the night. —	49
Thursday, Jany 30.	·62 ·60 ·40	SW 2. S 4. S 5.	36	40	46	Much cloud & little rain at times, fair & sunny at noon, hazy afternoon, and a dark windy & rainy evening. — Heavy rain 7 pm, but finer night after 9 pm.	40
Friday. Jany 31.	·30 ·28 ·35	SW 2. SW 1. W 0.	32	34	41	Hazy with mixed clouds, little frost, and a few flakes of snow at 8 & 9 am; cloudy more or less all day but again milder, and very little or no wind. —	36

Results for January 1851.

Barom^r	Highest on 23^d —	30·43	Thermom^r	Highest on 1st 56°
	Lowest on 31st —	29·28		Lowest on 24th — 29°
	range —	1·15		range — 25
	Mean of Month —	29·87		Mean of month — 43°112!
				Mean daily range — 9·58.

Winds chiefly SW, SE, & S: — fine days 23. rain 2·45 Inches. —

This was a remarkably mild month very similar to the same time in 1846, and the mean temperature even exceeded that of Jany 1846 The little spring flowers all in blossom throughout the month, viz Snowdrop, aconite, primrose, anemone, polyanthus & virginia stock. Daffodil in bud and crocus also. —
very little sickness in these parts. —

February 1851.

1851.	Barometer	Wind	Thermometer out doors: lowest	8 a.m.	highest	Natural Phenomena.	Thermom. 8 pm.
Saturday Feby. 1st.	29.51 .57 .62	Var. 0 NW 1 NW 1	31	32	43	Clear & frost, very bright day, calm and pleasant, but the evening foggy and raw. New moon 6 am. — Night fine, less foggy, and not much clouded.	33
Sunday, Feby. 2.	.61 .68 .68	N 1 NE 1 SE 1	33	39	43	Cloudy more or less, and a little rain at times, but scarcely any wind. Evening very cloudy, but clearer in the night and little frosty. —	40
Monday, Feby. 3.	.67 .62 .64	S 1 S 2 S 2	32	34	46	Hazy & little frost, cloudy more or less all day, but fine & some sun. — Evening overcast and little rain, but the night finer and clearer. —	42
Tuesday. Feby. 4.	.88 .96 30.05	W 1 NW 1 NW 0 SW 1	33	34	45	Very fine and bright all day, with but very little wind. Red sun-set, but a clear eveng. except hazy streaks in SW horizon. —	35
Wednesday Feby. 5.	29.90 .79 .67	S 4 SSW 4 SW 4	34	43	50	Cloudy, windy, and little wet at times, but very mild. Evening more stormy and raining harder for a short time but the night fine. —	47
Thursday Feby. 6.	.90 30.05 .15	W 4 W 5 W 2	37	39	46	Very fine and clear, with a boisterous drying wind. Fine starlight evening, and less wind, little frost during night, but more hazy. —	38
Friday, Feby. 7.	.23 .10 .03	SW 1 SW 3 SW 4	33	35	50	Very hazy, little white frost, but changed to overcast and rain more or less from 11 am, and heavy nearly all the night, but much warmer after 7 pm than before.	47
Saturday Feby. 8.	29.83 .97 30.15	W 5 NW 5 NW 3	44	45	51	Clear and windy morng., bright till 1 pm many loose cumuli in the afternoon with much wind and some sun. — Eveng. chiefly clear, fleecy clouds, and less wind. Fine night & in part clear.	44
Sunday, Feby. 9.	.37 .45 .49	NW 1 N 2 NE 1	35	39	45	Cloudy more or less, but the clouds lofty & grey, little sun, and keen air, a few flakes of snow at times. very fine, calm & cloudy night.	41
Monday, Feby. 10.	.51 .50 .49	E 0 SE 0 SE 0	38	41	45	Calm and cloudy, but very fine, and the whole day alike, with lofty grey clouds. Evening clear moon-light and lunar halo.	37
Tuesday, Feby. 11.	.36 .32 .30	W 1 W 1 W 1	32	37	48	Very fine bright and pleasant, very little wind, but some haze, and light ribbed cirri. — Curdled sky in the eveng: cloudy night.	41
Wednesday Feby. 12.	.21 .16 .11	W 1 W 2 W 1	33	38	47	Very fine but cloudy and close at times, and very little sun. — Evening more or less cloudy, and very fine	43

February 1851.

1851.	Barometer	Wind	Thermometer out doors: lowest	8 a.m.	highest	Natural Phenomena.	Thermom. 8 pm.
Thursday Feby. 13.	30.08 .17 .21	NE 1 NE 1 E 1	40	42	46	Cloudy more or less all day, but very fine. — Lower clouds in the evening, and a very little wetting at times, but the night fine & clearer.	40
Friday, Feby. 14.	.29 .32 .34	SE 0 S 1 S 1	39	42	48	Exceedingly fine, with light clouds, and sun: very bright from 2 to 3 pm, — Hazy eveng, haloes about the moon, and a streaked sky.	38
Saturday, Feby. 15.	.38 .35 .37	SW 0 SW 1 SW 0	32	38	48	Foggy morng, bright and pleasant day, very gentle wind, & clear sun-set. — Eveng bright moon-light, and the night the same with white frost.	36
Sunday, Feby. 16.	.36 .31 .29	SE 0 SE 0 SE 0	28	33	45	Frosty morng, very bright and calm day, warm sun, & keen air. — Full moon 3 am: Clear & sharp frost all night.	32
Monday Feby. 17.	.19 .16 .14	SW 0 SW 2 SW 1	25	27	44	Sharp frost in the morng, very bright day, keen wind & blue haze at times, Eveng hazy & some clouds after moon-rise. — A change to mildness & cloud. —	35
Tuesday, Feby. 18.	.05 .03 .02	SW 3 SW 4 SW 4	35	47	57	Cloudy more or less, very mild & pleasant afternoon, some sun, and brisk drying wind. — Eveng stormy and rain at 8 and 9 pm. — Close night. —	50
Wednesday, Feby. 19.	29.96 .92 .88	SW 4 SW 4 SW 4	47	51	55	Close and cloudy with boisterous wind all day, but very mild. Evening and night cloudy and windy, but chiefly fair and mild. —	50
Thursday. Feby. 20.	.86 .85 .84	SW 2 SW 1 W 0	44	49	53	Cloudy more or less, but fine till after 3 pm, gentle rain from 3 till 5 pm close and calm eveng: and the night the same.	44
Friday, Feby. 21.	.92 .99 30.06	NW 0 N 1 NE 0	37	42	50	Very fine and calm, with dim sun, and hazy sky. Clearer after 3 pm and chiefly bright, and the evening clear star-light, and little frosty.	39
Saturday, Feby. 22.	.13 .12 .10	SE 0 SE 2 SE 1	30	32	48	White frost and rather hazy but a fine, sunny day; much cirrus at sunset, eveng hazy but frosty. Night chiefly clear & little frost. —	35
Sunday, Feby. 23.	.05 .00 29.98	SE 2 SE 4 SE 3	33	39	48½	Bright sun with cirri & brisk wind; very bright all day, and more wind; very parching. — Eveng clear, but rather less wind:	39
Monday. Feby. 24.	.93 .93 .93	SE 1 SE 1 SE 0	34	39	49	Hazy and at times cloudy & little wet, at times till 11 am, afterwards fine and dry, some sun and grey clouds. Calm & close curdled evening.	44
Tuesday, Feby. 25.	.97 .99 30.05	Var. 0 E 1 NE 2	36	43	55	Very fine, bright, warm & pleasant with light curdled clouds at times. Eveng cloudy and more wind, much cooler. —	44

February 1851.

1851.	Barometer	Wind	Thermometer out of doors lowest	8 a.m.	highest	Natural Occurrences.	Thermom. 8 pm.
Wednesday, Feby 26.	30·30 / ·37 / ·42	NE 3 / NE 3 / NE 1	34	38	44	Cold wind with small showers of hail and sleet, and bright sun at times. Finer afternoon and a clear frosty evening: — but no frost after 12 pm.	33
Thursday, Feby 27.	·40 / ·39 / ·38	NW 1 / N 2 / N 1	30	36	46	Cloudy more or less and sun at times, but at 1 pm thick fall of sleet and hail & little showers of sleet afterwards. Evening cloudy, but chiefly fine: Some sleet showers during the night.	37
Friday, Feby 28.	·42 / ·38 / ·36	N 1 / N 2 / N 1	34	37	45	More or less cloudy, with some sun at times, and a very keen wind: — dark rocky clouds and a few large hail stones at intervals. — Evening fine and chiefly clear. —	34

Results for February 1851.

Barom.		
Highest on	10th	30·51
Lowest on	1st	29·51
Range		1·00
Mean of Month		30·08

Thermom.		
Highest on	18th	57°
Lowest on	17th a.m.	25
range		32
Mean of month		41·13
Mean daily range		12·44

Fine days 20; — Rain ·82 of an Inch: Winds chiefly SW & SE.

This month was dry and chiefly very mild, but less so than previous month. On most nights there was a tendency to frost which lessened the mean temperature although not considerably. All the kinds of March Crocus and Daffodil were in flower early in the month, and the seeding operations in the fields went on with great facility.
The public health as in previous Month remained good as there were no important diseases prevalent. Hooping Cough and common Catarrh among the young were in some districts rather prevailing, and in both months slight Ophthelmia was generally rife among all ages.

March 1851.

1851.	Barometer	Wind	Thermometer out of doors lowest	8 a.m.	highest	Natural Phenomena.	Thermom. 8 pm.
Saturday, March 1.	30·25 / ·20 / ·15	NW 3 / NW 4 / NW 3	32	34	44	Cloudy more or less, very cold wind, and some sleet & snow at times, early in the morng, and during the evening, and night, but less wind after sunset.	34
Sunday, March 2.	·40 / ·45 / ·46	NE 1 / N ½ / Var. 0	31	35	42	Hail showers early a.m., chiefly fine in the day, cloudy with a little sun, and a few flakes of snow at times. Evening fine and calm but mostly cloudy.	34
Monday, March 3.	·27 / ·20 / ·17	W 2 / W 2 / W 1	32	35	47	New moon 1 am; cloudy more or less all the morng, and a little sleet at 11 am, clearer afternoon, sun at times and mixed beds of cloud. — Eveng quite clouded. —	41
Tuesday, March 4.	·11 / ·09 / ·07	W 2 / W 2 / SW ½	33	38	51	Very fine and bright all day, gentle breeze and a few small clouds; clear sun-set, and calm evening, little haze about horizon; and a change during the night.	40
Wednesday, March 5.	29·84 / ·72 / ·69 / ·73	SW 2 / W 3 / NW 3 / NE 4 / Var. 0	34	42	48	Cloudy windy and rainy more or less till after 3 pm, wind changed suddenly to NE at 6 pm with a black range of cloud from that point, afterwards a calm and close evening. — Storm with sleet 9½ pm afterwards change to freezing.	43
Thursday, March 6.	·74 / ·75 / ·87	NW 5 / N 6 / NW 4	31	33	46	Wind frost, clear morng followed by cold sleety storms, wind galy, and sun at times Evening finer, but chiefly cloudy, and wind abating all night. —	40
Friday, March 7.	30·03 / ·03 / ·03	N 2 / N 1 / N 0	35	39	47	Cloudy with sun at times, some low and dark rocky clouds, but fair, and very little wind. — Evening calm and very cloudy, but clearer during night.	41
Saturday, March 8.	·11 / ·14 / ·17	SE 1 / SE 1 / SE 0	37	43	47	Cloudy more or less but fine and but very little wind. Evening clear, moon & stars bright, and little frosty. Night clear and white frost. —	34
Sunday, March 9.	·11 / ·07 / ·00 / 29·94	SE 1 / SSE 5 / SSE 4	29	34	46	White frost in the morning, bright till noon with small cumuli, more wind and larger clouds after 12, cold windy afternoon but fair & sun at times.	39
Monday, March 10.	·65 / ·69 / ·78	SSE 4 / SW 3 / NW 3	36	40	44	Overcast with rain at times, wind veering round to NW at 5 pm, dark and snowy evening, much rain mixed with snow during the night.	35
Tuesday, March 11.	·91 / 30·03 / ·07	NW 2 / NW 1 / NE 0	34	39	45	Cloudy with a little rain at times during the forenoon, fine afternoon and rather clearer. Eveng curdled, calm, & mild, but the night colder.	41
Wednesday, March 12.	29·90 / ·80 / ·72	SE 3 / SE 3 / S 1	31	36	45	Grey frost early, cloudy and thick all day, cold & raw wind, and a little wet after 5 pm. — Cloudy evening, misling rain & very little wind.	40

March 1851.

1851	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Phenomena	Thermom. 8 pm.
Thursday, March 13.	29.78 .87 .90	W 1. W 1. W 0.	36	41	51	Very thick fog all the morng, cleared off at 10 am, bright afternoon with rocky cumulostrati, shower with hail 4½ pm; eveng bright moon-light with fleecy clouds.	41
Friday, March 14.	.90 .91 .91	SW 1. SW 2. S 2.	33	40	53	Very fine, little white frost in the morng, bright & warm day, but some dark clouds with distant showers in the afternoon. – Eveng bright moon-light, streaks of yellow haze diverging from SSW across zenith. –	42
Saturday, March 15.	.86 .80 .81	NE 2. NE 2. NE 2.	36	40	45	Overcast and continual rain more or less all day, and increased in the afternoon, but the evening finer, and a fine night & partly clear.	39
Sunday, March 16.	.89 .92 .95	NW 2. NW 1. Var. 0.	37	41	49	Rather towering in the forenoon, and a very little rain, but the afternoon fine with rocky cumuli and sun. Calm & clear eveng, moon very bright.	41
Monday, March 17.	.88 .73 .70 .71	SE 0. SE 2. E 2.	33	37	46	Full moon 1 pm. Grey frost and hazy sky in the morng, calm and hazy all the forenoon, little sun about 11 am. afternoon overcast and continual hard rain from 1½ pm, all the afternoon and eveng. – Night finer.	39
Tuesday, March 18.	.93 .60 .68	S E 1. S 3. SW 4 WNW 4.	36	41	52	Cloudy and almost continual rain from 10½ am, till after 3 pm. – fine eveng, clearer & some sun. Night fine and less wind, but became hazy at times. –	47
Wednesday, March 19.	.90 .71 .57	SW 1. SW 2. SSE 3	37	43	51	Bright morng, but soon hazy & thick, rain from 2 pm, and continued all the afternoon, much heavier in the evening and part of the night. –	44
Thursday, March 20.	.47 .44 .48	S 2. SW 2. SW 2.	44	47	58	Close and thick rain till after 9 am, afterwards fair, bright, and very warm with rocky cumuli. Some red rocky clouds in the eveng on SW horizon, and dark in the WNW. with distant thunder. Night fine and clearer. –	49
Friday, March 21.	.43 .37 .39	SSE 2. S 3. SSW 2	40	45	57	Flying cumuli & little rain in short showers, but chiefly bright with a brisk wind: fine evening and night chiefly clear, and fresh breeze. –	47
Saturday, March 22.	.28 .12 .07	S 4. S 5. SE 5. 6 & 7.	41	45	54	Low clouds, and some sun, with a boisterous wind. Afternoon more clouded rain at times, and wind gusty. – Evening finer but very windy and lowering. – Wind strong all night. –	47

March 1851.

1851	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Phenomena	Thermom. 8 pm.
Sunday, March 23.	28.90 29.22 .33	SW 6. SW 2. SW 2.	42	47	52	Strong gusts of wind early a.m. with some rain at times; stormy rain and at times heavy in the afternoon, and very dark sky. Clearer eveng, and night. –	44
Monday, March 24.	.56 .64 .74	SW 1. W 1. W 0.	41	46	55	Fine and bright with rocky cumuli, and mixed clouds, pleasant & calm afternoon and evening: but the night more or less hazy. –	47
Tuesday, March 25.	.85 .83 .81	W 1. S W 1. S 2.	42	47	54	Hazy more or less but fine, some very dark blue clouds, and thicker haze in the afternoon. Evening cloudy and more wind.	47
Wednesday, March 26.	.57 .48 .56	SSW 3. SW 4. W 2.	44	53	56	Overcast & close morng, rain at times, frequent rain & at times hard from 1 pm till near 6 pm, afterwards fine & clearer. Night chiefly fine and clear. –	43
Thursday, March 27.	.60 .58 .55	W 3. W 4. W 4.	37	45	55	Bright till noon with flying clouds, but a stormy, cloudy afternoon, some rain at times. Eveng fine but still windy. Night fine but cloudy in part. –	52
Friday, March 28.	.70 .85 .87	W 6 W 5 WNW 1	44	47	53	Very windy morng, and a sudden storm of rain & hail at 9½ am, afterwards bright & windy with cumuli clouds, eveng fair & wind ceased. –	44
Saturday, March 29.	.64 .50 .56	SW 4. W 6. W 3.	42	46	53	Hazy morng, wind rising, and became cloudy & very rainy after 10 am; heavy storms of rain at 11 am, & 1 pm, and continual thunder in NW. – A gale with hail & rain 3 pm, continued stormy with much thunder in NW till 6 pm.	44
Sunday, March 30.	.65 .67 .69	W 3. WNW 3 NW 2.	39	43	53	Flying cumuli & sun, cold wind, and distant showers of sleet & rain, very dense and rocky clouds; showery evening, and less wind.	42
Monday, March 31.	30.07 .18 .18	NW 3. NW 3. NW 1.	38	44	49	Cold & cloudy more or less, & rain at times in the forenoon; but the afternoon fine, less wind, and became clearer towards eveng. –	41

Results

Barom.
- Highest on 2nd — 30.46.
- Lowest on 23rd — 28.90.
- range — 1.56
- Mean of month — 29.80.

Thermom.
- Highest on 20th — 58°
- Lowest on 9th — 29.
- range — 29
- mean of month — 43.3
- mean daily range — 13.2

fine days 10.
rain 4 Inches.

This month was excessively wet, gloomy stormy and ungenial. –

APRIL 1851.

1851.	Barometer	Wind.	Thermometer out of doors: lowest	8 am	highest	Natural Phenomena.	Thermom. 8 pm.
Tuesday, April 1st.	30·18 ·22 ·23	NW 2. NE 1. SE 1.	37	43	53	Showers of rain early in the morng. Became fine & bright after 9, and a very fine sunny afternoon, with light cumuli; eveng hazy and strecked sky. New moon 6½ pm.	42
Wednesday, April 2nd.	·18 ·13 ·10	SW 2. SW 3. W 2.	39	45	53	Hazy morng - became cloudy and wet at 10 am, continual rain more or less, and in the eveng increased. but became fine after 10pm. -	47
Thursday, April 3.	·05 ·18 ·22	NW 3. NW 2. N 1.	43	50	52	Lowering & little wet at times in the morng, fair & clearer after 12 - bright afternoon & clear star-light evening. - Stormy after midnight.	41
Friday. April 4.	·14 ·13 ·13	N 3. NNE 3. N 1.	38	44	49	Heavy storm of rain from North 4 am very showery day, with sun at times, and finer after 2pm. - Eveng chiefly clear, and a fine frosty night.	40
Saturday April 5.	·05 ·07 ·14	NE 1. NE 1. E 0.	33	40	47	Bright morng & rocky clouds, - almost continued rain, sleet & snow from 1 till 3½ pm. afterwards fine & clearer eveng: night clear & frosty.	36
Sunday, April 6.	·17 ·18 ·19	NE 1. NE 1. E 0.	33	41	49	Bright with many rocky clouds, & a little hail; continued fair, and bright at times, with rocky cumuli. Bright stars & moon, eveng.	38
Monday, April 7.	·20 ·17 ·15	NE 1. NE 3. NE 3.	31	37	46	Keen frost early & chiefly clear till 9, afterwards clouds & sun, cold wind, and sleet at times; evening and night fine but cloudy.	40
Tuesday, April 8.	·08 ·06 ·05	NE 2. NE 3. NE 2.	38	44	49	Cloudy more or less, little sun and a cold breeze: inclined to rain at times, but chiefly fine, and the eveng similar to the day. -	41
Wednesday, April 9.	29·83 ·89 ·93	NW 2. N 2. N 1.	39	43	48	Cloudy, and gentle rain at frequent intervals, nearly the same all day, but at 8 pm, clearer. - The night fine & in part clear.	43
Thursday April 10.	30·02 ·06 ·08	NNW 2. N 2. N 1.	39	44	51	Cloudy with some sun, but inclined to be showery, and the afternoon very showery & lowering. Eveng and night unsettled, but not much rain.	44
Friday April 11.	·02 29·98 ·99	NE 2. NE 1. NE 1.	39	43	49	Very little showery rain at times, but chiefly fair and some sun at times, eveng fine and clearer. -	42
Saturday April 12.	30·00 ·01 ·03	NE 1. NE 1. NE 0.	37	43	51	Fair and chiefly sunny, with mixed clouds, the afternoon brighter - and the eveng quite clear & calm, brilliant moon-light.	41

APRIL 1851.

1851.	Barometer	Wind.	Thermometer out doors: lowest	8 am	highest	Natural Phenomena.	Thermoms. 8 pm.
Sunday, April 13.	30·04 ·06 ·05	NE 1. NE 1. NE 0.	33	44	51	Bright morng. fine day with much grey clouds & little sun, - evening again clear and moon bright, with a little frostiness during night.	42
Monday, April 14.	·03 ·02 ·00	NE 1. NE 2. NE 1.	35	45	51	Very fine, but cloudy with light grey clouds, and keen wind. Evening also cloudy and rather more so, but a very fine night. -	42
Tuesday, April 15.	29·95 ·93 ·93	NE 1. NE 1. NE 1. Cuckoo sang.	37	46	53	Very fine with light clouds, and sun, very little wind, but a drying air. - Eveng fine & slightly cloudy. Full moon 10½ pm. Night fine & cloudy. -	44
Wednesday, April 16.	·98 ·99 ·98	E 1. SSW 1. SE 2	40	49	56	Very fine with light fleecy clouds, and some lumpy electric cumuli, but the sun chiefly bright. - Much cirrus in the eveng in arcs, & plumous forms. Swallow appeared.	45
Thursday April 17.	·85 ·92 ·94	SW 2. SW 2. SW 1.	42	52	63	Gentle showers at 2 & 3 am; very fine day, warm & growing. Cloudy till near noon, but a bright afternoon with cumuli clouds. - The brimstone butterfly seen - & the bat in the eveng. The Peacock butterfly also seen this afternoon.	55
Good Friday, April 18.	30·02 ·01 29·95	S 1. S 2. S 3.4.	46	58	66	Bright & lovely morng, some distant electric clouds, & many mixed clouds at times in the day with electric groups on W & NW horizon but very fine & very warm. Cowslip full flowering. The horse chesnut, sycamore & willow in leaf & Swallows more numerous to day. More wind after 3 pm - but very warm & fine much dappled cloud all the eveng. -	57
Saturday, April 19.	30·13 ·11 ·10	SW 2. SW 2. SSW 1.	42	53	64	Very fine, bright & warm, beautiful Spring day, few small cirri & cumuli; Evening chiefly clear, except linear cirri. Night clear.	51
Easter Sunday, April 20.	29·90 ·79 ·64 ·58	SE 2. SE 2 S 1. SSW 1.	42	53	65	Dappled & electric all the morng, but very fine & warm all day, chiefly bright but hazy, and haziness increased at 4 pm, Heavy rain from 8 pm - continuing all night. more or less, but clearing off at 4 am. -	57
Monday, April 21.	·61 ·65 ·65	SW 3. SW 3. SW 1.	51	58	65½	Fair with sun & flying clouds, very warm day & continued fine till 3pm, afterwards cloudy & little rain at times. Evening and night cloudy. little wet. -	55
Tuesday, April 22.	·56 ·48 ·56	Var. 0. NE 1. NW 1.	49	54	56	Chiefly overcast & close with almost continual light rain. Sun appeared at setting, very red strecked west, & NW sky. Night chiefly clear. -	51
Wednesday April 23.	·72 ·80 ·82	SW 1. Var. 0. Var. 0.	43	54	66	Bright morng, very fine till 4 pm, many beautiful electric clouds, and hot sun, but after 4 pm - very showery with hail, and large rain, vivid lightning & loud Thunder. Dark in the west at 7 pm, with red lightning & thunder in that point. Much rain during night. -	52

APRIL 1851.

1851.	Barometer	Wind	Thermometer out doors: lowest	8 a.m.	highest	Natural Phenomena	Thermom. 8 pm
Thursday, April 24.	29·88 ·88 ·91	W. 1. Var. 0 Var. 0. N E. 0.	44	51	62	Chiefly bright till 1 pm, but many rocky towering clouds, much thunder of dark rocky clouds after 1 pm, and at 4 - a very heavy rain with large hail, lightning & very violent Thunder which increased as it passed over to the ENE: became fair at 4½ pm, and a calm & bright evens.	49
Friday, April 25.	·97 ·96 ·96	N E. 2 N E. 2 N. 1	43	48	55	Cloudy more or less, & sun at times, cool breeze, fine drying day. — Evens nearly clear, and the night chiefly so. —	45
Saturday, April 26.	·87 ·78 ·76	W. 1. W. 3. N W. 2.	37	50	61	Bright & very pleasant till noon, then dark in the west, much distant Thunder NW & SE, at 1½ pm, afterwards overcast & heavy rain from 2 till 4 pm. — Hazy evens, storm of hail & rain 9 pm.	44
Sunday, April 27.	·67 ·62 ·64	N W. 1. N W. 1. N. 0.	35	44	50	Keen air, bright sun at times, and rocky cumuli: some distant Storms at noon, & during the afternoon, but fine & sunny here. Evens clear & calm. —	41
Monday, April 28.	·68 ·70 ·70	W. 1. S W. 1. S W. 0.	34	47	55	Fair and bright, with cumuli clouds, but some distant showers in the afternoon. — Evens fine & starlight but rather hazy. —	44
Tuesday, April 29.	·67 ·65 ·65	S W. 2. S W. 2. S W. 1.	35	48	52	Cloudy & towering with rain at times, showers of hail at 12, & at 3 & 6 pm - Evens fine with dark rocky clouds. — Some sun at times in the day. —	43
Wednesday, April 30.	·69 ·65 ·66	W. 2. W. 1. W. 1.	35	44	55	Cold & cloudy morns, clearer after 11, bright in the middle of the day, but some flying showers at 3 & 4 pm. — Evening chiefly fair, but cloudy more or less. —	45

Results for April 1851.

Barometer	highest on	1st —	30·23
	lowest on	22nd	29·48
	range —		·75
	Mean of month —		29·93
Thermometer	highest on,	18th & 23rd	66°
	lowest on	7th —	31
	range —		35
	Mean of Month —		46·2
	Mean daily range —		15·8

	Inches
Depth of rain	3·71
Fine days —	15.
Winds — NE & SW.	

This was a wet and unkindly month, and but seldom warm & sunny.

MAY 1851.

1851.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	Natural Phenomena	Thermom. 8 pm.
Thursday May 1. New moon 9 a.m. —	29·81 ·85 ·77	N W. 1. S W. 1. S. 4.	39	52	60	Very fine and bright with cumuli clouds till after 4 pm, then distant rocky clouds with thunder SE: and another distant shower in NW without thunder. More wind and dark clouds in the evening, but a calm & clearer night. —	48
Friday, May 2.	·76 ·81 ·90	N W. 1. N W. 2 N. 2.	37	53	59	Bright & pleasant morns, fine and bright till evens with many cumuli clouds; evening more cloudy and very cool breeze. Night fine and clearer. —	48
Saturday, May 3.	·90 ·86 ·85	N W. 1. N W. 1. Var. 0.	39	47	51	Clouds & sun in the morns, but after 11 a.m. — overcast and rainy at times, finer and clearer after 6 pm. — Night chiefly clear & cold.	43
Sunday, May 4.	·77 ·75 ·75	N. 2. N. 2. N. 1.	36	45	50	Sun at times, but much cloud & very cold with showers of hail rain & sleet. — Evening and night fine and chiefly clear. Much distant storm-cloud on NW horizon 8 pm.	42
Monday, May 5.	·71 ·75 ·75	N W. 3. N. 4. N. 3.	37	48	50	Cloudy with sun, and cold wind, became quite cloudy & thick at 11 a.m. followed by rain & sleet at times. evens more fair, but the night stormy. —	42
Tuesday, May 6.	·79 ·82 ·92	N W. 4. N. 4. N W. 1.	39	49	54½	Stormy, frequent rain & but little sun very squally day: but much more settled after 4 pm - bright & fair evens, less wind. Night fine & partly clear.	46
Wednesday, May 7.	·93 ·94 ·94	W. 2. W. 2. S W. 0.	40	52	58	Clouds & sun, very fine day, less clouds and more sun pm. - calm and mild evens with a mottled sky. — Pleasant and hazy night. —	51
Thursday May 8.	·89 ·82 ·81	S. 1. S. 2. S E. 3.	46	55	62½	Very fine and warm, chiefly sun, and small mixed clouds, more wind after 3 pm. fine & bright evens with electric clouds and brisk wind. —	51
Friday, May 9.	·80 ·85 ·88	S E. 1. S E. 3. S E. 2.	44	61	67	Very fine bright and warm with small electric dapple clouds, and a parching breeze. Close night, some plane cirrostrati.	55
Saturday, May 10.	·82 ·79 ·80	S E. 3. S E. 4. S E. 1.	48	62	64½	Very fine and bright but hazy at times, and trains of electric cumuli, and dappled arcs from ESE to WNW: very parching, but warm & very pleasant. Hazy evens, wind less: little shower 9 pm. fine & close night. —	55
Sunday, May 11.	·85 ·85 ·91	S W. 1. Var. 0. E. 1.	50	60	69	Very foggy till after 9, afterwards bright and hot, with cumuli clouds; some distant electric groups after 4 pm Eastward & SW. — Evens cooler, & little wind. Night foggy.	55
Monday, May 12.	30·01 ·06 ·21	N E. 2. E N E. 2 E N E. 2	50	55	59	Fog early, cloudy but fair and a drying breeze all day. — some sun at times. — Fine evens and night and less cloudy. —	48

MAY 1851.

1851.	Barometer	Wind	Thermometer out doors: Lowest	9 a.m.	Highest	Natural Observations.	Thermometer 8 pm.
Tuesday, May 13.	30.33 .35 .39	NE 3 NE 3 NE 2	44	53	58	Clouds and sun, but chiefly bright till 2½ pm, afterwards some larger clouds, & a little rain; but again fair & sunny. Fine evening & night, & chiefly clear. —	47
Wednesday, May 14.	.42 .45 .41	ENE 2 NE 2 NE 1	40	55	59	Fair & bright with light clouds; rather more clouds at noon, but after 3 pm became quite clear. — Sun set in full lustre. —	47
Thursday May 15.	.35 .30 .28	NE 1 E 2 E 0	39	54	65	Quite clear all the morng. Full moon 8 a.m. Very bright all day, few small clouds and but little wind: some cirri in the evening.	50
Friday, May 16.	.18 .16 .11	W 1 W 1 W 0 SW 0	42	59	70	Hazy morng, dappled sky, became clear and hot, continued so all day. — Eveng close calm, and dappled — very electric looking. —	60
Saturday, May 17.	.09 .07 .05	SW 1 SW 2 SW 0	47	55	61	Cloudy more or less & some dark clouds at 2 & 3 pm — then a little rain; & after a bright evening, a hazy night. —	57
Sunday, May 18.	.01 29.94 .88	SW 2 SW 3 NW 2	48	58	64	Foggy morng; cloudy in the day, some sun and much blue haze, rainy evening after 6 pm, hard at 9, afterwards fine & clearing. —	52
Monday, May 19.	.90 .88 .99	W 4 NW 4 NW 4	46	54	59	Stormy with squalls of wind, hail, rain and thunder, clouds very black, and sun at times; fine eveng, in part clear.	47
Tuesday, May 20.	30.17 .27 .28	NW 4 NW 2 NW 1	42	57	65	Bright sun, & flying clouds, very fine and bright day, with some cumuli clouds. Evening fine and less wind, but hazy, and some wane-clouds.	56
Wednesday, May 21.	.27 .29 .30	W 2 W 1 W 0	49	58	63	A close and fine day, but much cloud and blue haze: Calm and warm eveng and somewhat clearer, but hazy. — Very close night.	60
Thursday May 22.	.33 .33 .31	W 1 W 1 W 0	52	67	72	Very fine, bright, and very hot, with light clouds, & gentle wind: more hazy with blue clouds after 1 pm. Eveng close, and sultry, with a curdled sky. —	64
Friday. May 23	.36 .34 .35	NW 1 NW 2 N 0	49	60	66	Foggy morng, cloudy with sun in the day, warm and pleasant. Eveng and night clear and much cooler. — Very heavy dew in the night.	53
Saturday May 24	.42 .40 .38	N 0 Var. 0 W 1 SW 2	42	58	70	Clear and heavy dew, very bright, calm, and warm day, but more hazy with a light wind after 5 pm. — Evening chiefly hazy and dappled. — The Hawthorn in flower some days since.	57

MAY 1851.

1851.	Barometer	Wind	Thermometer out doors: Lowest	9 a.m.	Highest	Natural Observations.	Thermom. 8 pm.
Sunday May 25.	30.27 .05 .02	SW 2 W 2 NW 2	53	69	70	Very fine & hot, with mixed electric clouds and sun till noon, afterwards hazy and cloudy with some showers at 3 and 5 pm. Eveng fair. Fine night.	54
Monday, May 26.	29.95 30.02 .07	NW 2 NW 3 N 0	46	56	59	Stormy, showers of rain & hail, sun at times, keen wind and turbulent sky. Fine afternoon, and a calm eveng with light clouds. — Night fine & clearer. —	51
Tuesday, May 27.	.13 .15 .19	NW 1 NW 1 SE 1	43	56	59	Some scuds but chiefly sun, fine day, with cool air: wind veered to SE 6 pm. Hazy eveng; fine night, chiefly clear. —	53
Wednesday, May 28.	.27 .33 .36	NE 1 Var. 0 SE 1	48	62	67	A fine bright and very warm day, few small clouds only. Evening and night clear, and very heavy dew, and no wind after 9 pm. —	56
Thursday, May 29.	.43 .46 .50	NE 1 NNE 2 NE 0	45	66	72	Exceedingly fine, very bright hot day, some small clouds, and a gentle breeze in the afternoon. Clear eveng. —	59
Friday, May 30.	.53 .51 .53	Var. 0 W 1 NW 3 ENE 1	53	67	73	Very bright and hot till noon, with few clouds, afterwards more cloudy, blue haze, and wind increased. Again bright after 3 pm and wind much less. Rosy streaked sunset. —— New moon 8¾ pm. —	59
Saturday May 31.	.60 .58 .58	NE 2 NE 2 NE 1	46	61	65	Clear, very fine and bright, with brisk wind, continued clear and hot in the sun, but the wind brisk and cool, but fell away to calm, and a very cool and dewy night. A very fine growing time for many days past, and all the trees have put on their verdure. —	54

Results for May 1851.

Barom.	Highest on 31st — 30.60		Thermom.	Highest on 30th 73°
	Lowest on 5th — 29.71			Lowest on 4th — 36
	range — .89			range — 37
	Mean of month — 30.097			Mean of month — 53.55
				Mean daily range — 18.79

23 Fine Days. Depth of rain 0.68 parts, principal winds NW. NE, & W.

This was a fine, dry, and genial month, vegetation greatly improved and nearly made up its lost time. —

All trees in leaf by the 3d week of the month. —

June 1851.

1851.	Barometer	Wind	Thermometer out doors: lowest	9 a m	highest	Natural Occurrences.	Thermometer 8 pm.
Sunday. June 1st.	30·49 ·39 ·32	Var 0. SE ½. SE ½.	42	63	74	Very clear, calm, bright and hot day few small cirri clouds only. After 8 pm a sheet of dark curdled clouds came over. Close night. –	60
Monday. June 2.	·28 ·22 ·18	NW 1. SE 1. SE 1.	50	64	72	Very fine hot summer's day, with light grey clouds at times. Close eveng, red sky, and dark blue clouds. –	62
Tuesday, June 3.	29·99 ·83 ·78	SW 2. SW 3. SW 2.	53	68	72	Light clouds & fresh breeze, very fine and hot, parching day, & dappled sky. Eveng hazy and cloudy, and some rain & wind during night.	63
Wednesday, June 4.	·88 ·99 30·03	NW 3. N 1. Var 1. SE 0.	45	55	62	Cloudy, with wind, hasty little showers at 2 am, distant lightning & thunder – stormy & cool morng; fine sunny afternoon, but black in NW & N with distant showers 4½ pm. – Clear night and very cool. –	51
Thursday, June 5. ☌ ☉ ♄	29·97 ·90 ·85	S 3. S 4. SW 3.	42	56	63	Squally and cool, much cloudy and wind, little sun at times, but more cloudy & rain after 5 pm; hard rain all the eveng till 8, then clearer.	53
Friday, June 6.	·90 ·99 30·03	SW 4. SW 5. SW 1.	49	61	68	Windy and warm, flying clouds & sun. black in West 3 pm – followed by a heavy storm of rain for near ½ an hour. Fine and close eveng. wind all gone.	59
Saturday June 7.	·02 ·08 ·04	SSW 2. SW 3. SW 2.	54	61	68½	Close and cloudy, little misling at times; Fine and warm afternoon, much cloud & blue haze, with sun at times. – Sultry eveng hazy & brisk wind. Flying showers during night. —	63
Whit Sunday June 8.	29·98 30·03 ·01	WSW 4. WSW 5. WSW 5.	59	67	70	Blustering wind but very warm with many clouds and sun at times, evening nearly clear and still very windy. Squally looky sun-set, & windy night.	61
Monday. June 9.	·03 ·05 29·90	W 3. W 1. SE 2. ESE 3.	52	60	64	An extensive ribbed cloud. 6 am in an Arc from WNW, hazy with sun, and less wind. fair & pleasant at noon & till 5 pm – then more clouded & stiff breeze from ESE, with distant Thunder in SW. Heavy storm of rain from 9 to 10 pm. —	55
Tuesday, June 10.	·64 ·80 ·84	NE 1. NE 0. Var. 0.	46	53	57	Very showery and cloudy more or less, but finer at noon, again rain at 4 & 5 pm – harder – but the evening fair and clearer. –	52
Wednesday, June 11.	30·04 ·08 ·09	NW 1. W 2. WSW 2. SW 0	46	60	65	Very fine sunny day, with cumuli, and gentle breeze. Hazy west in the evening but fair and calm. Night hazy and great show for rain. A very little rain during night. –	58

June 1851.

1851.	Barometer	Wind	Thermometer out doors: lowest	9 a m	highest	Natural Occurrences.	Thermometer 8 pm.
Thursday June 12.	29·85 ·82 ·81	S 4. SSW 4. SSW 3.	52	61	65	Windy with flying clouds, but very close, and chiefly fine till 5 pm – then a little rain, – and sultry eveng. Showery night and very close. –	62
Friday, June 13.	·80 ·87 ·94	SW 2. W 2. N 1.	58	63	69	Sultry day, many dark clouds, and a little sun at times, but at other times a little rain. After 7 pm a heavy shower and wind veered to N. Full moon 7 pm. Drizzly evening and very little wind.	57
Saturday, June 14.	30·14 ·16 ·18	W 1. SW 1. Var. 0.	52	62	69	Fine and light clouds with sun at times, some darker clouds at 3 pm; and the rest of the afternoon and eveng, hazy and close. – little showers at 9 pm. –	62
Sunday, June 15.	·20 ·07 ·01	SW 2. SW 3. SSW 4	53	63	68	Fine sunny morng, hazy and cloudy after 11 am, more wind in the afternoon, and rain at 4 pm, and the evening rainy more or less. –	56
Monday, June 16.	29·94 30·02 ·08	W 4. W 5. W 5.	55	64	68	Very windy, but fair, and chiefly bright, with many flying clouds; continued windy and some distant stormy looking clouds in NW in the Evening.	59
Tuesday, June 17.	·19 ·34 ·42	NW 6. NW 5. NW 3. 2. 1. 0.	50	59	64	Exceedingly windy all the morning, but bright with flying clouds; wind abated a little but a very boisterous day, with cumuli and sun. Evening bright, and wind abating much. –	59
Wednesday, June 18.	·47 ·40 ·29	W 2. WSW 2. WSW 3.	45	60	63	Fine sunny morng, curdled and grey clouds, more cloudy from noon till eveng, but chiefly fair, a little rain at 6 pm – Evening close and lightly cloudy, much warmer than the day.	62
Thursday, June 19.	·21 ·20 ·20	WSW 2. W 3. W 2.	60	70	75	Clouds and sun, very hot sultry day, but rather windy; evening chiefly clear, with pale haze, and wind much less. Night chiefly clearer, and very calm. –	67
Friday, June 20.	·24 ·21 ·21	WSW 1. W 1. SE 0.	54	67	76	Thin clouds & sun. close morng; very fine day very hot and sultry, thin clouds, and sun mostly bright. Evening extremely sultry and rather hazy.	70
Saturday, June 21.	·09 29·93 ·86	SE 1. SE 3. SE 1.	56	75	84	Bright with small electric clouds, and excessive hot, by 10½ am Thermr 80°; at 12 – 84°; and so it continued for near 2 hours. Distant rocky thunder clouds in NW at 2 pm, more wind and less hot: very clear eveng & the heat great. – wind rose and veered to SW during night. –	73
Sunday, June 22.	·84 ·96 30·03	W 3. NW 3. NW 3.	60	64 to 60	67	Cloudy, great change at 9 am, very much colder and wind to NW. fine day, warmer afternoon grey clouds and sun, very pleasant. — Eveng fine, less wind, and some clouds. –	61
Monday, June 23.	·22 ·30 ·32	NW 2. NW 2. NW 1.	48	59	67	Cloudy with sun, very fine and pleasant, but some distant showers in the morning; Afternoon chiefly bright, and the eveng fine. –	59

JUNE 1851.

1851.	Barometer	Wind	Thermometer out doors lowest	9 a.m.	highest	Natural Observation.	Thermometer 8 p.m.
Tuesday, June 24.	30·32 –·31 –·31	W 2. W 2. W 1.	48	64	70	Very fine, warm, and pleasant, much grey clouds, and sun, and the evening close and nearly calm, with much thin cloud and haze.	64
Wednesday. June 25.	–·33 ·34 ·35	W 2. W 2. W 0.	54	69	75	Light clouds, pale haze, and sun, but very hot, close, & sultry. Evening chiefly clear and a pure golden sunset. – Fine and clear night, light dew. –	69
Thursday. June 26.	·34 ·33 –·33	SW 0 SW 1 S 0.	53	72	83	Exceedingly fine, bright, and very hot, few small clouds. Afternoon extremely hot, and the evening sultry and no wind. Pale haze & a few cirri.	72
Friday. June 27.	·32 ·33 –·32	S 0 S 1. SE 1.	56	77	89	Most excessive hot and clear; by 10 am 84°; 11 am 86°; at noon 88°, & 1 pm 89°. – continued very bright and the heat excessive till near 5 pm. – Pleasant evening, clear night.	72
Saturday, June 28.	–·33 ·35 ·33	SE 1. E 2. E 1.	56	75	82	Quite clear, & deep orange sunrise, very bright without a cloud all day, and extreme hot, clear golden sunset. Night also quite clear and dewy. Twilight strong. —	65
Sunday. June 29.	·33 ·33 ·32	E 2. E 2. E 1.	53	74	79	Very bright and hot, no cloud, but a blue haze, and honey dew; New moon 6½ am Quite clear all day, very hot, and the haze gone: sun set clear, and the night chiefly so, but foggy after midnight.	63
Monday, June 30.	·31 ·30 –·28	E 1. E 2. E 0.	50	74	80	Fog early, very bright day, and very hot, a few light cirri, and fresh breeze at times. Evening very brilliant and a pure golden sunset. —— Night chiefly clear.	66

Results for June 1851.

Barometer	Highest on 1st	30·49	Thermom^r	Highest on the 27th – 89°!
	18th	30·47		Lowest on 5th — 42
	Lowest on 10th	29·64		Range — 47
	range	0·85		Mean of month — 61·32
	Mean of Month	30·12		Mean daily range — 19·25

Rain 1·41 Inch only. Fine days 24. Principal winds W & SW. –

From the 19th to the 30th a severe drought, and great heat, and in Paris the heat was unusually intense, so that on 26th and 27th, Eight Soldiers under review fell dead in consequence.

JULY 1851.

1851.	Barometer	Wind	Thermometer out of doors lowest	9 a.m.	highest	Natural Occurrences.	Thermom^r 8 pm.
Tuesday, July 1st.	30·20 –13 –·09	E 1. E 2. ESE 1	54	77	84½	Bright and extremely hot, with an electric sky, much dappled cloud in curdled beds, rather more hazy & curdled from South after 3 pm, and the evening much curdled & very sultry: the same all night & much distant lightning. —	70
Wednesday, July 2nd.	·02 ·07 ·13	NE 1. NE 2. NE 3.	62	75	82	Very bright and extremely hot, with a parching breeze. – Evening clear, and more wind, much cooler. – Chiefly clear in the night, but not so after dawn. –	64
Thursday, July 3rd.	·16 ·15 ·14	N 3. NE 3. 4. N 3.	55	62	66	Cloudy, cool breeze, clearer after 10, very fine with light clouds, brisk wind, and sun: Evening cloudy and a little light rain, Cloudy night but fine. —	57
Friday, July 4.	·16 ·17 ·17	N 3. NE 2 NE 1.	53	59	64	Light clouds and sun, with a cool breeze, a very fine day throughout, but much cooler than of late. – Clear evening, and sun set in full lustre. – Chilly night & clear.	55
Saturday, July 5.	·15 ·11 ·10	Var 0. SW 1. W ½. Var 0.	40	65	77	Very heavy dew, quite clear & chilly morning, but became rapidly hot, at 4½ pm a sudden whirlwind twisted the trees, and whirled up the dust from WSW. to ENE, but soon passed over. – Evening very brilliant & scarcely any wind: – but sun set in haze and cirri.	64
Sunday, July 6. □⊙♃.	·15 ·18 ·18	NW 1 NW 2. NW 0	51	67	71	Bright sun & dappled upwards, fine and hot morning, and a pleasant day but more hazy and cloudy after 12, evening calm, and lightly cloudy. —	64
Monday, July 7.	·13 ·07 ·03	W 1. W 1. W 0.	57	68	73	Very fine and hot, chiefly bright till noon, afterwards close and cloudy, but fine, and very pleasant. Cloudy, sultry and calm evening, some rain during night.	66
Tuesday, July 8.	29·87 ·82 ·92	W 2. NW 2. N 2.	58	62	68	Rain all the morning till 9, then fine and sun at times till 1 pm, black clouds and thunder westward and Northward till 2 pm, some heavy drops here: – afterwards fine & sunny. Evening cool and cloudy. —	57
Wednesday July 9.	·96 ·80 ·82	NW 1. SW 2. Var. 1.	48	57	66	More or less cloudy, hazy & cool, dark clouds at noon and blue haze, became bright at 3 pm – but at 4 – black clouds heavy rain, and loud thunder: fine evening, & bright after 7 pm.	56
Thursday July 10.	·78 ·82 ·94	SW 2. W 1. NW 2 NE 2.	53	60	65	Many clouds, distant rains and Thunder, heavy showers at noon and loud Thunder near, lingering showers all the afternoon, wind to NE at 3 pm. Evening fine & bright, with scuddy clouds & cool breeze. —	50
Friday, July 11.	30·20 ·22 ·20	W 2. W 2. W ½.	45	58	66	Fine bright morning, much of the barred cirrostratus in arcs, from S to N, and a bright mock-sun at 6½ am – N. of the sun; very fine and pleasant day, curdled above, and cumuli below. Evening hazy, calm, & pleasant. —	61

JULY 1851.

1851.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.
Saturday July 12.	30.11 .09 .09	W 2. W 2. W 0.	59	67	73	Fine & sultry morng. very fine & hot day, sun & mixed clouds; eveng calm, red west, but sun-set nearly clear. — Lovely night, calm & moon bright	68
Sunday, July 13. Full moon 7 am.	29.95 .82 .79	W 1. SW 2. SW 2.	57	70	76	Very fine, bright, and lovely morng, light cirri upward, continued bright and hot till eveng, but more clouds, wind, and blue haze in the afternoon; Evening more clouded and a cooler breeze. —	66
Monday. July 14.	.51 .55 .62	SW 5. WSW 6. W 4.	58	67	71	Squally with a shower at 1 am, & a little misling at 7 am. Very windy day, but chiefly sun, and mixed clouds; a flying shower 5 pm. bright eveng, less wind. —	62
Tuesday. July 15.	.78 .83 .85	W 3. W 4 W 1.	54	64½	68	Many clouds, rocky and electric, with distant Thunder showers, and some flying rain here at 3 & 5 pm. Black thunder clouds in SW & S, all the eveng, and some showers here at 7½ pm, & 8½ pm. —	58
Wednesday July 16.	.85 .88 .92	W 1. W 2. SE 1.	49	60	68	Bright with cumuli clouds, very fine and pleasant, with a cool breeze. Wind suddenly veered to SE. at 5 pm. Fine eveng, but rather more cloudy. —	59
Thursday, July 17.	.95 .97 .99	SE 1. SE 1. Var 0.	48	60	67	Electric mixed clouds & sun, many cross currents, & distant Thunder SW. 11½ am. in some black clouds; great blackness in S, & SE. 1 & 2 pm with much lightning & violent Thunder at 4. 5 or 8 miles distance. — Little shower 5 pm. — Fine eveng.	57
Friday, July 18.	30.00 .02 .02	Var. 0. E 2. Var. 0 SE ½.	50	62	69	Rocky electric clouds, thunder Eastward 9 am, then bright, at times. Very bright at noon, but continual Thunder in NW, and very black there. followed by a shower here, the thunder passed to East, against the lower current. Eveng fine, but many distant Thunder clouds in NW, and North. —	59
Saturday, July 19.	.10 .07 .01	SE 1. SW 2. SE 4. 5.	47	65	68	Light curdled cirrostrati and sun, very fine pleasant morng; bright forenoon, hazy at noon, and became cloudy, afterwards rain from 3 pm. at times. At 9 & 10 pm hard rain & squalls of wind. Stormy night. —	58
Sunday, July 20.	29.89 .85 .80	SSW 2. SW 4. SW 4.	55	66	73	Flying clouds, warm breeze & sun; some distant showers, a few drops here at times, but chiefly sunny and hot with brisk wind. Cloudy and windy evening, but fine.	66
Monday, July 21.	30.03 .07 .10	W 3. W 2. W 1.	55	65	74	Bright morng, brisk wind, & flying cumuli, beautiful afternoon, very bright and hot, some cirri with flat base and curly on the upper edges, also light ribbed cirrostrati. — Brilliant and lovely eveng, and sun set in full splendor. —	66

JULY 1851.

1851.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.
Tuesday, July 22.	30.18 .15 .12	Var. 0 SE 1. SE 0.	49	66	76	Very bright and lovely morning, and the whole day, hot and sunny, but some haze and electric clouds after 1 pm, yet a very fine & pleasant afternoon. — Much cirri in the eveng, and curdled upward. —	61
Wednesday, July 23.	29.97 .87 .72	E 2. E 2. E 2.	54½	63	67	Cloudy electric & close morng, a little rain at 5½ am, rain again from 8½ am, till 11 am. — then clearer, some sun, and adverse currents of clouds, rain again and harder from 3 pm till 6 pm. — Rain increased at midnight.	61
Thursday July 24.	.47 .53 .65	N 2. N 2. NW 2.	59	62	62	Exceeding heavy rain from before 1 am. till ½ past 1 am, then continual gentler rain all the morng, and more or less till 4 pm, afterwards fine and clearer. Night fine, and chiefly clear. —	55
Friday. July 25.	.60 .62 .65	W 1. NW 2. NW 2.	49	64	71	Bright morng, and very fine bright and warm till 4 pm, with cumuli & some mixed clouds, but became cloudy at 4 pm, and rain after 6, and continued lightly all the evening. —	60
Saturday July 26.	.75 .82 .82	NW 1. NW 1. W 0.	53	60	66	Cloudy, with sun at times, chiefly sun at 12 and again from 4 pm, calm & pleasant, and curdled upward. — But a heavy shower at 6½ pm, violent Thunder in SW at a distance. Afterwards a fine eveng & night.	61
Sunday, July 27.	.99 30.04 .04	W 2. W 2. SW 2.	53	65	72	Bright with rocky cumuli; some cirri, and mixed cloud, but a fine sunny day. Evening hazy and close, with a little rain at times in the night. Much ribbed cloud at 8½ pm	65
Monday, July 28.	.02 .00 29.96	SSW 2. SW 1. SW 1.	60	67	73	Cloudy close and electric, some sun about 11 & 12, and very hot, but the afternoon hazy and the great Solar Eclipse only visible for a few minutes while at the greatest obscuration, near 3½ pm. New moon 2¾ pm. a little rain at times during the afternoon. Evening fine and close, with much cloud. —	63
Tuesday, July 29.	.92 .91 .93	SW 1. SW 2. SSW 1. S 0.	60	68	76	Sultry with rocky electric clouds, and some mixed beds, but chiefly bright, and very hot. Distant Thunder westwards in the afternoon and evening. Hazy & calm after 8 pm, and the electric groups vanished. —	68
Wednesday July 30.	.99 30.09 .11	Var. 0. NE 2. NE 1.	53	64	70	Fog below, clearer upward, hazy & electric close morng, little rain 9 am. — More or less cloudy all day, little sun, and close air. — Eveng cloudy with grey and lofty clouds. —	60
Thursday, July 31.	.13 .02 .00	NW 0. SW 1. W 1.	58	62	72	Cloudy, more or less, but very fine, and in the afternoon at times bright and hot; Close evening & rain from 7½ pm, till after 9 pm, very close night, but finer. —	66

Results for July 1851.

Barom.r	Highest on 11th — 30·22 Lowest on 24th — 29·47 range — ·75 Mean of month 29·97	Thermom.r	Highest on the 1st 84½° Lowest on 5th a m — 40 range — 44½ Mean of Month — 62·11 Mean daily range 17·82

Rain 4·27 Inches ; Fine days 18 ; Prevalent winds Westerly.

This month began extremely hot, but proved very variable, with much thunder and rain at frequent intervals. The corn crops much retarded and kept back, first by the wet in seed-time and cold cloudy weather in the Spring ; and now from the gloom & rain so frequently interrupting the solar rays. —

AUGUST 1851.

1851.	Barometer	Wind	Thermometer out-doors. lowest	9 a m	highest	Natural Occurrences.	Thermometer 8 pm.
Friday, August 1.	29·95 ·99 ·96	W 1 W 1 SW 0	63	68	75	Sultry, lowering & close morng ; cleared off at 11 am : very hot afternoon, and often bright. Eveng very close, sultry and calm ; and some rain during the night.	70
Saturday August 2.	30·13 ·16 ·16	W 0 W 1 SE 1	60	66	77	Showers early, cloudy morng, but became bright, and very hot, with cumuli clouds, and a few cirri. — very close night, and no wind. —	70
Sunday, August 3.	·18 ·19 ·21	W 1 W 2 W 0	64	71	80	Very hot, light clouds & bright sun, some beds of finely dappled cloud. — Splendid eveng, sun set in full lustre and salmon coloured. —	73
Monday, August 4.	·23 ·32 ·34	W 0 NE 2 NE 2	60	73	79	Very bright and extremely hot till near 2pm, then clouds & wind from NE, but still very hot. Evening cloudy and much cooler. — Night clearer. —	63
Tuesday, August 5.	·42 ·40 ·42	NE 2 NE 3 ENE 2	52	64	69	Clear sun-rise, very fine with grey clouds, and a cool breeze. Evening bright, the west reflecting a dazzling yellow lustre more than usual, and a clear yellow sun-set.	58
Wednesday, August 6.	·40 ·35 ·33	NE 2 NE 2 NE 1	52	60	65	Cloudy, and cool breeze, but fine and a little sun at times ; evening also cloudy but fair., and the night fine cloudy & again warmer. —	59
Thursday, August 7.	·27 ·22 ·20	NE 2 NE 2 NE 2	56	67	75	Cloudy but soon bright and hot, a fresh breeze, but the sun very powerful all day, and set in golden splendor. — Night clear, and several Meteors.	65

AUGUST 1851.

1851.	Barometer	Wind	Thermometer out of doors. lowest	9 a m	highest	Natural Occurrences.	Thermometer 8 pm.
Friday, August 8.	30·18 ·18 ·20	ENE 2 NE 3 NE 2	58	73	78	Clear, very bright, and very hot. a few very small clouds, and fresh breeze at NE. — a light electric dappled cirrus seen at times. Eveng cooler with scuds after sunset. —	62
Saturday, August 9.	·14 ·17 ·17	NE 2 NE 2 NE 1	57	66	70	Scuds below, much dappled upward. very electric, but fine and close — pleasant day and the eveng cloudy and close, with but little wind.	64
Sunday, August 10.	·22 ·22 ·22	N 0 N 0 NE 0	56	63	65	Cloudy, very little sun, but fair and pleasant, and no wind, evening and night uniformly with the day, cloudy, calm and very fine and pleasant. —	63
Monday, August 11. ☉✱♃♂	·24 ·26 ·26	Var. 0 E 0 SE 1	56	64	73	Lightly cloudy, but cleared before 10 am, chiefly bright and hot in the afternoon, some small clouds, and no wind. The evening clear except cirri about the setting sun. — Clear night. — Full moon 9¾ pm. —	63
Tuesday, August 12. △♃♂ = □♀♄	·24 ·22 ·20	SE 1 SE 2 SE 1	53	71	78	Very fine bright morng, with small electric clouds, and very hot. chiefly bright all day. very hot, and a beautiful dappled sky. Much electric cloud all the evening, and sultry atmosphere. —	69
Wednesday, August 13.	·13 ·05 ·00	SSE 1 SSE 1 SSE 1 WSW 2	63	74	82	Curdled & electric sky, very oppressive morning, became chiefly bright & extremely hot all day, mixed beds of beautiful electric clouds, much dappled, and some distant Thunder westward at 3½pm : Much thunder, and incessant lightning from 8pm till near midnight. The thunder near and violent at 8 pm, with a shower. — cleared off much at 10 — but quick lightning E. & NW.	72
Thursday, August 14.	·03 29·99 ·96	SW 2 SW 3 SW 2	60	72	76	Fair, bright morng ; and a hot and sultry day, chiefly fair with sun, and mixed clouds, a little rain at 2 and 3 pm — more at a distance, with thunder far in the South. Cloudy & sultry eveng. lightning in NW. —	67
Friday, August 15.	30·00 ·04 ·08	W 2 W 2 W 0	59	68	76	Very fine, light clouds & sun, very hot and chiefly bright all day, but thin clouds, and a pleasant breeze. — Calm, bright and hot evening. —	67
Saturday, August 16.	·12 ·10 ·09	Var. 0 SW 1 SW 2	58	72	77	Very bright and hot, more hazy and cloudy after 3 pm — but very sultry ; and the evening cloudy and very close. — Hot & sultry all the night. —	68
					N.B.	A remarkably fine time for the harvest ever since the commencement of this month. The crop of wheat very fair in yield and quality — and the recent hot weather hastened on ripeness. so as to render it ready about the 4th	

AUGUST 1851.

1851.	Barometer	Wind.	Thermometer out of doors lowest	9 a m	highest	Natural Observations.	Thermometer 8 pm.
Sunday, August 17.	30·02 29·99 ·98 ·99	SW_2. SW_3. = In the thunder storm W_5. SW_1. NW_2 in 2nd storm then SW_0	63	72	80	Exceedingly sultry. rocky electric clouds, and sun between; very hot and fine till 1 pm, then black clouds with thunder in S. and SW. at 2pm a sudden storm with excessively heavy rain - near 1/2 an Inch in 10 min., lightning & Thunder near and much thunder till 4pm in other clouds W. & NW. - Another heavy thunder storm at 5 pm. Fine evening with grand rocky clouds at a distance, and remarkably vivid lightning in SW & S. at 8 pm - & after.	64
Monday. August 18.	30·15 ·29 ·35	N_2. N_2. N_2.	59	62	65	Cloudy morning, and more or less so all day, but some bright sun at times in the afternoon, very fine and a cool breeze. - Bright evening and orange sunset.	57
Tuesday, August 19.	·47 ·45 ·45	NW_1. Var. 0. SSE_1.	47	62	74	Very fine, bright, and hot, some small cumuli and cirri, and scarcely any wind; but wind veered to SSE soon after 1 pm. - Very bright afternoon, and evening. - Sun set in full splendor.	63
Wednesday, August 20.	·39 ·34 ·28	SW_1. SW_1. SW_0.	55	70	81	Very fine, chiefly bright, and extremely hot, with curdled trains of clouds, and light cirri. Evening hazy, electric & much dappled. -	69
Thursday. August 21.	·22 ·15 ·13	SW_1. SW_2. SW_1.	58	70	82	Very fine and extremely hot, with light clouds, & gentle wind; sultry evening cirri clouds, and some plane cirrostrati.	70
Friday, August 22.	·13 ·10 ·05	WSW_1. SW_2. SW_2.	62	73	81	Very fine, chiefly bright, dappled upward and light cumuli below, very hot sultry day; and the evening cloudy, and exceedingly close: -	74
Saturday, August 23.	·00 29·97 ·99	SW_2. SW_1. W_1.	63	67	72	Cloudy more or less, close and sultry, but fine, except a few drops of rain in the afternoon. But at 5 1/2 pm, a very heavy shower, afterwards bright.	65
Sunday, August 24.	·99 ·95 ·88	SW_2. SW_3. SW_3.	54 1/2	67	73	Many flying clouds, and sun, with a brisk wind, but fair and hot till 2pm then squally, black clouds, and flying rain at times about 4 pm, but a bright evening, with cooler breeze.	61
Monday, August 25.	30·09 ·18 ·24	W_3. W_2. W_0	53	64	72	Very fine and bright, with cumuli clouds; pleasant day. Evening more hazy and dappled, with cirri, and plane cirrostrati.	61
Tuesday, August 26.	·19 ·12 ·05 29·94	SW_2. SW_4. SW_5.	50	60	66	Hazy and much cloud, very little sun, rain from 1 1/2 pm, and squally afternoon, harder rain 5 pm - Became fine at 7 pm. - Close night. New moon 10 pm.	58

AUGUST 1851.

1851.	Barometer	Wind.	Thermometer out doors lowest	9 a m	highest	Natural Occurrences.	Thermometer 8 pm.
Wednesday, August 27.	30·05 ·09 ·05	SW_4. W_5. WSW_2. W_2.	58	63	68	Bright, warm, & windy morning; but cloudy from 10 a m, till evening, with sun at times, rather windy, and stormy looking. thick & lowering evening, and much rain during the night.	62
Thursday, August 28.	29·73 ·84 ·85	NW_2. NW_3 NW_2	54	60	64	Hard rain all the morning till 7, then fair, and became bright after 9 am; large cumuli & cool wind, but chiefly sun. Cool evening, mixed clouds, and rainy signs.	57
Friday, August 29.	·77 ·85 ·95	NW_2. NW_2. NW_1.	47	58	58	Bright at first, but soon very cloudy & cool, a little rain from 11 a m, till 12, fine afternoon & often bright but cool, and the evening very cool. Some rain at 10 & 11 pm.	51
Saturday, August 30.	30·04 ·21 ·28	NW_2. NW_3. NW_3.	50	59	59	More or less cloudy, very cool wind, and frequent light rain, in drifting showers; evening and night finer, but chiefly cloudy, wind less after 10 pm. -	51
Sunday, August 31.	·31 ·31 ·31	NW_1. NW_1. NW_1. & 0. W_0.	49	57	66	Fair with loftier clouds in curdled sheets during the morning; chiefly bright in the day, very fine and pleasant, with a gentle cool breeze, and small cumuli. - More cloudy in the evening, light mixed clouds and very little wind	60

Results for August 1851.

Barom.:
- Highest on 19th — 30·47
- Lowest on 28th — 29·73
- range — ·74
- Mean of month — 30·14

Thermom.:
- Highest on 13th & 21st — 82°
- Lowest on 19th & 29th — 47°
- range — 35
- Mean up to 25th pm — 66·33!
- Mean of whole month — 64·60.
- Mean daily range — 16·33.

Prevalent winds SW. W. & NE. Fine days 24: - Rain 2·74 Inches. —

This was a very fine month for Harvest, and very hot to the 25th day. Not much sickness hereabouts, and the corn chiefly well secured, except the later barleys. — The Wheat crop proved a fair yield, and quality, and came to market in the finest condition possible. —

September 1851.

1851.	Barometer	Wind	Thermometer out doors lowest	9 am	highest	Natural Occurrences.	Thermom. 8 pm.
Monday, Septr 1st.	30·33 ·31 ·24	W 1. W 1. W 0.	58	65	71	Grey clouds and sun, very fine, close and warm day, very little wind. Evening very close, calm, cloudy, and sultry; but more wind after 10 pm. —	68
Tuesday, Septr 2.	·16 ·18 ·22	W 2. NW 3. NW 0.	62	66	72	Rain at 2 am, very sultry morng, became fair and bright with cumuli clouds and hot. Beautiful evening, curdled clouds in dappled beds red with the setting sun.	63
Wednesday, Septr 3.	·27 ·23 ·26	N 1. NE 1. Var. 0.	58	63	69	Low fogs early, & low clouds all the morning, fine sunny day, & hot in the sun, calm evening, and bars of cloud lying longitudinally on the Western horizon. —	61
Thursday. Septr 4.	·14 ·17 ·18	NW 1. N 2. N 2.	56	64	67	Cloudy, close and warm, although a North wind; and sun at short intervals, rather lowering in the afternoon, slight rain at times; night fine and much clearer. —	59
Friday, Septr 5.	·24 ·31 ·35	N 2. N 3. N 2.	55	61	62	Cloudy, more or less, very little sun, but fine, and in the evening and night rather clearer than in the day, but warm for a North wind. —	56
Saturday, Septr 6.	·40 ·45 ·47	N 2. N 2. NE 3.	52	58	62	Very fine with grey clouds and sun, very drying wind, & pleasant day; clearer during the night, and towards morning quite clear.	55
Sunday, Septr 7.	·52 ·54 ·54	NE 1. NE 2. NE 1.	47	59	62	Bright & pleasant morng, some grey clouds followed, chiefly cloudy with sun, dry and cool breeze: evening and night cloudy and calm.	56
Monday, Septr 8.	·59 ·60 ·60	N 1. NE 2. NE 1.	52	59	62	Much grey cloud & sun at times, very fine day and pleasant. — Evening partly clouded, moon between, night chiefly clearer. —	55
Tuesday, Septr 9.	·59 ·58 ·59	Var. 0. E 0. SE 1.	48	57	64	Very fine sun at times, & little or no wind, clearer after 3 pm, bright sun, & little SE wind. Clear moonlight eveng. —	53
Wednesday, Septr 10.	·62 ·60 ·59	E 0. E 0. E 0.	40	61	69	Very fine bright & dewy morng, bright calm and hot day, with a few small cumuli. Clear sun-set, moon very bright at eve, Full moon 2 pm. —	58
Thursday, Septr 11.	·58 ·53 ·52	NW 0. NW 0. Var. 0.	42	62	70	Very fine, bright, calm and hot, and a brilliant sunset. Clear & calm also all night, and heavy dew. —	59
Friday, Septr 12.	·49 ·44 ·47	Var. 0. NW 1. NW 0.	43	62	70	Quite clear, and very fine & hot, but the middle of the day a blue haze over all the landscape, after 3 pm bright & no haze. Evening calm & clear. —	59

September 1851.

1851	Barometer	Wind	Thermometer out doors lowest	9 am	highest	Natural Occurrences.	Thermom. 8 pm
Saturday, Septr 13.	30·41 ·42 ·48	N 1. NE 1. Var. 0.	44	58	68	Thick fog all the morng, cleared off at 11 am, very bright afternoon, and evening; clear sunset, and beautiful moon-light night, no wind, & mist below.	57
Sunday, Septr 14.	·48 ·51 ·55	Var. 0. E 0. E 0.	42	62	71	Quite clear, exceedingly fine, bright all day and hot, with little or no wind; Sun set clear, and deep salmon tinted, but some cirri upward of rosy color.	59
Monday Septr 15.	·62 ·64 ·68	ENE 0. NE 2. NE 2.	46	60	67	Fog till 8, cloudy till 10, afterwards sun and clouds, but very fine & parching; Evening and night rather clouded, rosy sunset; & fresh breeze all night	59
Tuesday, Septr 16.	·68 ·67 ·62	NE 1. NE 1. NE 1.	55	60	63	Cloudy with sun, very fine and pleasant, but more cloudy in the afternoon; and the evening and night cloudy and warm, a little wind at times, but very fine.	57
Wednesday, Septr 17.	·53 ·51 ·50	ENE 2. ENE 3. NE 3.	54	62	68	Cloudy, little misling at 8½ am. afterwards chiefly bright with cumuli clouds; evening cloudy and brisk wind. Night very fine, and chiefly clear.	55
Thursday, Septr 18.	·40 ·31 ·27	NE 3. NE 3. NE 2.	53	63	65	Much cirrus and mixed electric clouds with sun, and brisk wind: very fine but chiefly cloudy in the afternoon; night clearer, and lights in the north	55
Friday, Septr 19.	·21 ·16 ·15	NE 2. NE 2 NE 2.	53	63	65	Bright morng, but much dappled & rocky electric cloud, large towering electric clouds all day, with a few drops at times, but chiefly bright: evening cloudy. —	57
Saturday Septr 20.	·17 ·18 ·20	NE 2. NE 1. NE 2.	51	61	66	Clouds & sun, very electric, but fair & pleasant. Bright and hot at 1. 2. & 3 pm, afterwards mixed clouds, but the evening and night sometimes clear. —	55
Sunday, Septr 21.	·12 ·12 ·11	N 2. N 2. N 1.	50	59	63	Cloudy but fair and pleasant, very fine grey sky, and soft breeze, although from north, and a warm and close evening and night.	60
Monday, Septr 22.	·11 ·15 ·17	NW 1. NW 1. NW 0.	54	62	70	Exceedingly fine, and became clear after 9 am, very bright and hot all the afternoon, with small cumuli & little wind. Hazy with cirri about the setting sun: night fine & foggy below. —	58
Tuesday, Septr 23.	·23 ·24 ·27	Var. 0. E 0. E 0.	45	60	70	Fog till near 9 am, then bright and hot, very close and cloudy evening and night electric and curdled upward, and mist rising in the vales. —	61
Wednesday Septr 24.	·27 ·18 ·15	E 0. E 0. SE 0.	55	61	66	Foggy morng, sultry day, hot sun in the forenoon, but dark clouds & electric sky in the afternoon & no wind: Little rain 4 pm. afterwards a bright evening.	61

September 1851.

1851.	Barometer	Wind.	Thermometer out doors: lowest	9 am	highest	Natural Occurrences.	Thermom. 8 pm.
Thursday Septr. 25.	29·99 ·78 ·72	SSW 1. SW 2. S 4. SW 6.	56	63	67	New moon 6 am, and the Equinoctial change of wind &c. — Sultry morng, fog early, afterwards electric and much mixed clouds. Some sun about noon, then black about SW, heavy storm of rain 3 pm, and another at 7, and frequent storm all night.	55
Friday. Septr. 26.	·69 ·68 ·68	WNW 6 W 5. WSW 5	41	47	51	Very squally cold & unpleasant, sudden and great change; chiefly the same all day. Evening and night finer, less wind, and rather warmer. —	46
Saturday. Septr. 27.	·68 ·80 ·86	WSW 3. SW 1. SW 1.	46	51	56	Cloudy lowering and cold till noon finer afternoon and some sun after 3, warmer & more pleasant. — Fine evening and night: chiefly clear.	51
Sunday, Septr. 28.	30·03 ·05 ·03	W 1. NW 1. NE 0.	45	55	60	Very fine, bright, and pleasant, with cumuli clouds and very little wind: Clear and calm evening and night.	46
Monday, Septr. 29.	29·96 ·88 ·81	Var. 0. SE 2. E 1.	36	55	62½	White frost early, chiefly clear, a fine bright warm & pleasant day, fresh breeze & cumuli clouds; evening in part clear, but much distant electric cloud. —	49
Tuesday, Septr. 30.	·60 ·57 ·55	SSE 4. S 4. S 4.	46	58	62	Much electric cloud in arcs from windward, but fine & some sun, with brisk gale, evening cloudy, warm, and windy, and during night some showers. —	56

Results for September 1851.

Barom.	Highest on 15th & 16th — 30·68 Lowest on 30th 29·55 range — 1·13 Mean of Month 30·26!	Thermom.	Highest on 2nd 72° Lowest 29th 36 range 36 Mean of month 57·42 Mean daily range 15·85

Principal Winds NE, NW, & E: — rain 0·61 In; Fine Days 27 !

This month was remarkably fine and pleasant to the 25th, highly favorable for the latter harvest, and for the walks of the natural observer. Slight cases of English Cholera prevailed in some Towns, and more so in London, yet not so violent & general as in 1849. —

October 1851.

1851.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.
Wednesday Octr. 1st.	29·47 ·32 ·23	SE 4. SE 5. S 6.	51	60	62	Short heavy showers at 4 & 5 am, squally morng; and a windy day with much cloud & little sun; rainy evening and part of the night, wind squally.	56
Thursday, Octr. 2.	·42 ·52 ·58	SSW 2. S 3 S 2.	49	54	59	Haze & cirri in the morng; rather squally in the day, little flying rain at times, but chiefly fine, & sunny with mixed clouds, much lightning Eastward 8 & 9 pm, & Aurora Borealis very bright. —	50
Friday, Octr. 3.	·64 ·68 ·72	SE 3. SE 3. S 1.	49	58	61	Some low clouds & flying rain at times, but chiefly fine, and sun at intervals in the afternoon; evening chiefly still, and bright moonlight.	55
Saturday, Octr. 4.	·64 ·58 ·66	S 2. W 2 SW 3.	51	56	61	Heavy rain from 10 am to 12, afterwards a bright and pleasant afternoon; and the evening bright, but wind rising after 9 pm. —	52
Sunday, Octr. 5.	·68 ·72 ·84	SW 3. SW 3. SW 2.	47	53	61	Hasty storm of rain 6 am, bright & fine in forenoon & till after 1 pm: another heavy drifting storm 2 pm, then fair & sun at times; bright moon-light eveng.	48
Monday, Octr. 6.	·77 ·82 ·84	W 4. W 2 W 1.	45	51	59	Flying rain 6 am, afterwards fair, chiefly bright with rocky cumuli; hazy eveng and night, and little or no wind, but signs for rain. —	47
Tuesday, Octr. 7.	·93 ·82 ·77 ·81	S 3. SW 4. W 2.	45	56	64	Cloudy with sun, & wind, very bright and warm afternoon, with a drying breeze. Evening and night very clear, bright moon, and little wind. —	53
Wednesday Octr. 8.	·93 30·05 ·06	W 2. W 2. W 1.	44	51	59	Exceedingly fine, bright and pleasant, with a drying breeze; some cirri at sunset, hazy night, but chiefly moonlight. —	50
Thursday Octr. 9.	·03 29·92 ·92	S 1. SE 2. S 1.	38	47	56	Red East, hazy & ribbed sky all the morning — rain from 10 am, harder at noon & 2 pm, continued more or less till eveng. night very close, but fine & cloudy.	56
Friday, Octr. 10.	30·10 ·20 ·24	W 2. W 2. SW 2.	52	62	67	Sultry morng; **Full moon** 6½ am; very fine day, sunny and hot afternoon, and a bright moon-light evening, much mist on the valleys. —	59
Saturday, Octr. 11.	·34 ·34 ·35	SW 2. SW 2. SW 2.	53	62	67	Very bright day, warm wind, and hot sun, a blue haze passed over at 1 pm, but afterwards clear, and the evening and night very bright moon-light.	59
Sunday, Octr. 12.	·42 ·38 ·34	SW 2. SW 1. SW 1.	51	62	68	Exceeding fine and hot, thin clouds, close air, and bright at times; very close and sultry evening and night, chiefly overcast with light clouds. —	62

November 1851.

1851.	Barometer	Wind.	Thermometer out doors lowest	8 a.m.	highest	Natural Occurrences.	Thermometer 8 pm
Saturday Novr 1st.	29·67 ·65 ·67	W_2 SW_1 SW_1	37	41	51	Some clouds in the morng & little wet but soon very fine, and a bright and pleasant afternoon; rocky clouds in distinct groups, Starlight evening. —	40
Sunday, Novr 2nd.	·40 ·51 ·54	SW_3 NW_2 NW_2	36	42	49	Dark and rainy morng, finer after 10 am but the afternoon bright with rocky clouds and cold breeze. — Evening chiefly clear and cold: — wind very bleak. —	38
Monday, Novr 3.	·78 ·88 ·90	NW_3 NW_3 N_2	32	34	44	Clear and frost, bright day, with very keen wind, and but few clouds; evening clear keen frosty wind, and signs for snow.	33
Tuesday, Novr 4.	·91 ·96 ·98	N_1 NW_3 NW_3	31	34	43	Snowing fast between 4 am & 8 am, finer all the forenoon, and sun at times. — snow again with rain at noon & squally afternoon, but more sun; night clear —	36
Wednesday Novr 5.	30·04 ·01 29·90	NW_2 NW_4 NW_2	30	31	45	Clear & keen wind frost, chiefly bright till 2pm, afterwards hazy and thick, and very cold wind; some rain & change during the eveng, but the rain soon ceased. —	42
Thursday, Novr 6.	·88 ·87 ·86	NW_2 NW_4 NW_2	39	41	48	Cloudy with sun, squally sky and little flying rain at times; evening and part of the night chiefly clear, and little frosty, but soon changed. —	42
Friday. Novr 7.	·85 ·87 ·90	NW_3 NE_1 N_0	37	43	51	Squalls of rain, and sun between, a very heavy rain for 20 minutes about 10 am, — finer & clearer afternoon. Clear moonlight evening. —	41
Saturday Novr 8.	·94 ·98 ·95	NW_0 NW_1 NW_0	37	43	50	Bright with small clouds, & very little or no wind: some very rocky clouds at a distance: evening and night clear upward, but foggy below. Full moon 11 pm —	40
Sunday, Novr 9.	·99 ·98 ·93	NW_0 NW_0 W_0	35	39	49	Thick fog till after 8 am, very fine and bright day, with some rocky clouds, and no wind; Evening rather cloudy, and the night more or less so. —	41
Monday, Novr 10.	·72 ·82 ·83	NW_1 NW_0 NW_0	41	46	49	Cloudy morng, little rain, fine in the middle of the day, and some sun, but a close & overcast evening, with light rain at times: but at 9 pm fair and clearer, and wind rising.	46
Tuesday, Novr 11.	30·09 ·15 ·21	N_1 N_1 N_0	37	39	51	Very fine, bright and pleasant, with dappled sky, & very little wind: eveng calm & dappled, with moon between. —	44
Wednesday Novr 12.	·30 ·35 ·37	NW_1 NW_1 NW_0	39	44	52	Some rain at 6 am, but a very fine and bright day, small clouds, and very little wind; fine evening and night, and chiefly clear. —	43
Thursday Novr 13.	·50 ·50 ·48	W_1 W_2 W_1	36	41	50	Foggy morning, very bright day, gentle breeze, and small cumuli; evening close and rather foggy. —	47

November 1851.

1851.	Barometer	Wind.	Thermometer out doors lowest	8 a.m.	highest	Natural Occurrences.	Thermom^r 8 pm.
Friday, Novr 14.	30·31 ·33 ·33	N_3 N_4 N_2	38	41	46½	Flying showers of sleet & hail, with sun at times; keen wind, but pleasant in the middle of the day. A heavy hail shower 2pm, afterwards squally, & the evening frosty.	34
Saturday, Novr 15.	·06 ·00 29·96	NW_1 NW_0 NW_0	32	35	40	Frost early, hazy & little snow at times; fine and calm afternoon, but very cold, and a wintry looking sky: night frosty	34
Sunday, Novr 16.	29·81 ·85 ·85	NW_2 NW_3 NW_3	31	34	43½	Frost early, became squally with frequent rain and sleet, and sun between: and during the evening and night, very stormy, with much snow after midnight & frost. —	37
Monday, Novr 17.	·80 ·78 ·79	NW_4 NNW_4 NNW_4	28	28	34	Sharp frost and great fall of snow early in the morng, and almost continual heavy snow throughout the day, and sometimes excessively thick and fast, so as to be generally near a foot in depth, & drifted much deeper in some spots	31
Tuesday, Novr 18.	·87 ·89 ·92	NW_3 NW_3 NW_2	29	30	37	Frequent snow in thick falls & large flakes, during the forenoon, but the afternoon fine, with sun at times: eveng chiefly clear, and some frost, which afterwards increased.	32
Wednesday Novr 19.	·87 ·85 ·78	NW_1 WNW_0 W_0	24	25	36	Severe frost, and chiefly clear in the morng, the day hazy with mottled clouds, but fine, and very cold. — Eveng clear above, foggy below & no wind, but keen frost.	29
Thursday, Novr 20.	·89 30·00 ·10	N_1 NE_2 N_0	26	27	40	Sharp frost in the morng, some snow at times; thawing in the middle of the day, little rain and sleet with sun at times. At 5pm thick sleet drifting from NE. Evening clear & freezing, but cloudy during the night. —	32
Friday, Novr 21.	29·97 ·86 ·80	SW_3 W_3 NW_4 46	29	36	41	Overcast & rainy forenoon, finer afternoon sun at times, thawing all day, but the evening clear, windy, & freezing again: wind very strong from 8 pm, & rain: fine after 10.	35
Saturday, Novr 22.	30·01 ·12 ·18	NW_2 NW_2 NW_1	35	40	43	Thawing fast and little showers of rain, but chiefly fair, and some sun. Evening fine and but little wind. Night fine, foggy and calm. —	38
Sunday, Novr 23.	·20 ·12 ·04	NW_1 NW_1 S_3 SSE_4	33	34	43	Very foggy all the morning, and calm. — The day bright but foggy below; wind changed to S at 5pm — cloudy eveng, and wind rising. — New moon 2 am. —	36
Monday, Novr 24.	29·55 ·54 ·54	SSE_5 SW_3 NW_1	35	43	46	Squalls of wind with heavy rain from 2 till 4 am, from SSE, — mild fine and pleasant day mixed clouds and sun; fine eveng, and chiefly starlight. — Clear and white frost all the night. —	36
Tuesday, Novr 25.	·53 ·54 ·53	W_0 W_1 W_1	30	36	42	Very white frost, fine, clear, cold day and no wind most of the day. — Clear and frosty evening. —	32

November 1851.

1851.	Barometer	Wind.	Thermometer out doors lowest	8 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.
Wednesday Novr. 26.	29·65 ·73 ·78	NW 0. NW 1. NW 2.	28	31	37	Hard and very white frost in the morng, foggy raw & very cold day. More wind in the Evening, with rain after 7 pm. Damp and drizzly night.	35
Thursday, Novr. 27.	·84 ·88 ·91	NW 1. NW 1. NW 1.	33	35	41	Foggy more or less all day, but clearer in the evening, and milder after 4 pm then before. Night foggy and nearly calm.	37
Friday, Novr. 28.	30·04 ·10 ·13	NW 1. NW 1. W 0.	33	37	42	Cloudy more or less, and rather foggy at times; but fine, and the evening chiefly cloudy, but clearer and frosty in the night. –	37
Saturday, Novr. 29.	·25 ·26 ·25	NW 0. NW 1. NW 0.	30	31	41	Clear and frost, bright all day, very little wind, but hazy round the horizon. Frost again in the eveng.	30
Sunday, Novr. 30.	·27 ·28 ·30	Var. 0. NW 0. SE 0.	29	30	39	Very white frost & much haze with a curdled sky in the morning: very fine and bright day, no wind but hazy below; red sun-set, and the evening hard frost, clear above, and foggy below.	30

Results for November 1851.

Baromr.	Highest on the 13th	30·50	
	Lowest on the 2nd	29·40	
	range	1·10	
	Mean of month	29·94	
Thermomr.	Highest on 12th	52°	
	Lowest on 19th	24	
	range	28	
	Mean of month	38.56	
	Mean daily range	11·13	

Prevailing current N W. depth of rain 2·07 Inches: Depth of Snow 1 foot or more! – Number of fine days 16.

This was the coldest November we have ever recorded, and the greatest depth of snow fell that has ever been noted so early in the season. Many evergreen trees were damaged by the weight of snow on 17th and 18th, and the Elms, and Oaks not having shed their foliage were also much injured by the breaking down of their branches under their load of snow! There was a great prevalence of sickness from colds, fevers, and pulmonary diseases, and many deaths in towns. –

December 1851.

1851.	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	Natural Occurrences. –	Thermomr. 8 pm
Monday, Decr. 1st.	30·29 ·28 ·28	NW 1. NW 2. NW 2.	28½	30	41	Hard white frost in the morng, foggy day little wet at times; & harsh wind; Cloudy night, and more or less fog below, but chiefly fair.	40
Tuesday, Decr. 2nd	·25 ·25 ·27	NW 2. NW 2. NW 3.	35	37	43	Cloudy and raw, fog at times & little misling but mostly fair. – Evening and night the same with a very harsh wind, but less wind during night. –	38
Wednesday, Decr. 3rd.	·32 ·28 ·25	NW 1. NW 1. NW 1.	36	39	42	Cloudy but fine till 4 pm, and very little wind, but rather lowering after 4 pm, and little misling: very cloudy evening, but clearer in the night.	38
Thursday, Decr. 4.	·30 ·28 ·28	WNW 1. W 1. W 1.	32	32	42	Very fine, with gentle frost, grey clouds and sun most of the day, evening rather foggy, and close, but fair. – Chiefly foggy through the night, and curdled upward. –	37
Friday, Decr. 5.	·29 ·27 ·25	W 1. W 1. WSW 1.	37	43	50	Cloudy and mild, with a little sun in the forenoon, dark and rainy at times in the afternoon, but a fine evening, thin clouds, and very mild. – More wind in the night.	50
Saturday, Decr. 6.	·27 ·29 ·29	WSW 3. WSW 3. SW 2.	46	48	50	Very fine and mild, but cloudy and a drying breeze. Less cloudy after 4 pm, fine evening, lighter clouds & mild. Pleasant night & curdled upwards. –	46
Sunday. Decr. 7.	·28 ·21 ·19	SW 2. SW 2. SW 4.	44	47	52	Exceedingly fine, mild and pleasant, light clouds, gentle breeze, and sun at times; some haze at short intervals. Windy eveng & cloudy and mild night. –	45
Monday, Decr. 8.	·00 ·14 ·24	SW 3. W 6. W 2.	42	49	55	Cloudy till 9, then very bright all day, mild and drying, with blustering wind and light clouds at times. Bright moon-light evening, and night, little inclined to hoar-frost after midnight. Full moon 3 pm.	45
Tuesday, Decr. 9.	·27 ·17 ·19	SW 1. SW 3. SW 4.	36	41	57	Clear and calm at first, red sun-rise, and undulated red clouds: hazy & foggy at times, some sun: much warmer all the eveng, Thermr 54° at 3 pm, 49° at 6 pm, but at 8 pm 56° the same at 10 pm, but at 11 pm 57.	56
Wednesday, Decr. 10.	·12 ·11 ·08	SW 3. SW 3. SW 3.	54	55	56	Exceedingly mild & close cloudy atmosphere. – Little sun in the afternoon but the evening cloudy. Fine night and much clearer. –	51
Thursday, Decr. 11.	·45 ·53 ·59	W 2. WNW 2 WSW 1	43	46	52	Bright moon-light morng, very fine and bright sun all day, mild & very pleasant, but rather colder wind. Clear eveng & much colder. Very bright moonlight night. –	41
Friday, Decr. 12.	·60 ·57 ·55	SE 1. SE 1. SE 1.	31	31	47	Clear & frosty morng, bright calm, and pleasant day, and very foggy evening; Thick fog all the night, moon visible; and a frosty air. –	35
Saturday, Decr. 13.	·53 ·52 ·52	NE 2. NE 2 NE 2	34	41	46	Thick foggy morning, trees dripping fast, less fog at noon, cloudy afternoon and evening – but no fog. –	39

December 1851.

1851.	Barometer	Wind	Thermometer out of doors: lowest	8 a.m.	highest	Natural Occurrences.	Thermom. 8 pm.
Sunday, Decr. 14.	30·60 ·59 ·58	E 2. E 2. SE 2.	38	43	46	Very foggy all the morning, cloudy in the day, gloomy and damp, with a breeze at E. Night cloudy. —	39
Monday, Decr. 15.	·50 ·52 ·50	SE 1. SE 1. SE 1.	38	40	43	Cloudy more or less, but very fine, and a gentle but keen drying wind. — Evening also cloudy & colder. —	36
Tuesday, Decr. 16.	·40 ·41 ·41	S 1. SW 1. SW 1.	35	39	45	Very cloudy all day, but very fine, and a drying air: much milder in the Evening. Calm & cloudy night. —	45
Wednesday Decr. 17.	·40 ·38 ·37	S 0. SE 1. SE 1.	41	44	49	Mild, calm & cloudy, but very fine, & a little gleam of sun; eveng cloudy, & a little wind at times. Red sun-set.	41
Thursday Decr. 18.	·28 ·23 ·25	SSE 3. S 3. S 2.	36	37	39	Cloudy dark and cold, brisk wind and some fog at times. Foggy & very dark evening and night. —	35
Friday, Decr. 19.	·20 ·22 ·22	S 2. S 2. SSW 2.	39	44	51	Close morng, cloudy till 11, afterwards very fine, bright & mild, with curdled sky, of summer like appearance: close eveng, and warm breeze.	45
Saturday, Decr. 20.	·20 ·15 ·15	S 3. S 3. S 1.	42	47	52	Very close, cloudy and damp all day but fine and very mild, with a soft breeze. — Eveng close, and wind less.	48
Sunday, Decr. 21.	29·92 ·75 ·64	S 3. S 4. S 6	44	46	48	Squally wind & stormy clouds, with sun at times, mild & chiefly fine in the day; some rain at 5 pm, dark overcast evening and strong wind, but after 8 pm, clearer and less wind,	45
Monday, Decr. 22.	·70 ·75 ·84	E 1. E 2. E 2.	41	44	46	Thick fog, & rain from 10 am — continual rain all day & sometimes hard: — Dark & overcast day, exceedingly unpleasant. New moon 3½ pm.	43
Tuesday, Decr. 23.	30·13 ·27 ·31	N 2. N 0. NE 0.	41	42	48	Fine, chiefly sun & grey clouds, evening clear, calm, and inclining to frost; somewhat foggy during the night, and lowering after midnight.	39
Wednesday, Decr. 24.	·38 ·36 ·36	NE 1. NW 0. NW 0.	34	38	43	Very foggy and damp, little or no wind, but some sun at times; more foggy from 3 pm —. Night foggy and frosty.	34
Thursday, Decr. 25.	·43 ·40 ·39	Var. 0. NW 0. Var. 0.	32	35	40	Foggy and dark, less foggy in the afternoon, but very cloudy, and dark. — Evening and night cloudy in part. —	36
Friday, Decr. 26.	·53 ·58 ·62	E 0. E 0. E 0.	32	34	40	Grey clouds & some sun, very fine with a calm but chilly air. — Eveng clearer after 8 pm. —	35

December 1851.

1851.	Barometer	Wind	Thermometer out of doors: lowest	8 a.m.	highest	Natural Occurrences.	Thermom. 8 pm.
Saturday, Decr. 27.	30·52 ·46 ·42	NW 3. NW 3. NW 2.	33	33	41	Cloudy with sun at times, cold wind, and frequently lowering, and stormy looking with a little fall or two of sleet. — Frequent sleet during the night. —	36
Sunday, Decr. 28.	·41 ·50 ·53	NE 2. NE 2. NE 2	36	39	43	Frequent little showers of rain & sleet, with sun between; wind rather keen and the evening colder, stars seen at times, but much cloud intervening.	35
Monday Decr. 29.	·58 ·55 ·53	NW 0. NW 0. NW 0.	34	37	44	Cloudy, damp, & hazy, very little sun, and no wind, but milder, and chiefly fine. — Cloudy eveng, but clearer and little frosty in the night. —	38
Tuesday, Decr. 30.	·51 ·48 ·46	SW 0. SW 1. SW 2.	32	35	43	Gentle white frost & partly clear, but soon hazy, dark and cloudy more or less, and a little more wind. — Eveng clouded and a fresh breeze.	38
Wednesday, Decr. 31.	·31 ·23 ·18	SW 2. SW 2. SW 2.	34	35	41	Very cloudy and dry, with a cold breeze, but partial frost in the morning. very fine all day but still clouded over. Evening and night also cloudy. —	37

Results for December 1851. —

Baromr.			Thermomr.		
Highest on	26th —	30·62	Highest on	9th —	57°
Lowest on	21st —	29·64	Lowest on	1st —	28½
range —		0·98	range —		28½
Mean of Month —		30·31	Mean of month		41·86
			Mean daily range		8·53

Winds chiefly NW & SW. — Rain 1·19 In. — Fine days 28.

This month was very dry, calm, and mild, with a very high Barometer, and almost a general clouded sky. A remarkable contrast to November just past! — In the rural districts here — we had very little sickness, and many of our Towns were comparatively healthy for the Season. —

Summary of the Year of our LORD. 1851.

Monthly division of Winds.										General results.				
1851.	E.	W.	N.	S.	SE.	NE.	SW.	NW.	Prevalent currents.	Depth of rain	fine days.	mean range daily of Thermr.	Mean Temp.	Mean Pressure.
January	0	2	0	8	7	1	13	0	SW & S.	2·45	23	9·58	43·12	29·87
February	1	3	4	2	5	3	7	3	SW.	0·82	20	12·44	41·13	30·08
March	0	7	2	3	4½	1½	6½	6½	Westerly..	4·00	10	13·20	43·30	29·80
April	0	3	3	1	2	12	7	2	NE & SW.	3·71	15	15·80	46·20	29·93
May	3	6	3	1	2	6	3	7	NW. NE. W.	0·68	23	18·79	53·55	30·09
June	3	9	1	2	3	1	8	3	W & SW.	1·41	24	19·25	61·32	30·12
July	3	10	2	1	2	3	5	5	Westerly.	4·27	18	17·82	62·11	29·97
August	0	6	2	0	4	6	9	4	SW. W. NE.	2·74	24	16·33	64·60	30·14
Septr.	5	2	4	1	1	9	2	6	NE. NW. E.	0·61	27	15·85	57·42	30·26.
Octr.	1	5	3	2	2	2	12	4	SW.	3·77	21	12·22	53·58	29·96
Novr.	0	3	4	1	0	0	2	20	NW.	2·07	16	11·13	38·56!	29·94
Decr.	3	4	1	4	3	2	7	7	NW & SW	1·19	28	8·53	41·86	30·31.
1851.	19	60	29	26	35½	46½	81½	67½	SW. NW.	27·72	249	14·245	50·56	30·03

The principal characteristics of 1851 were its very mild January, wet March & April, fruitful and warm Summer, and very cold November!
The hottest day was the 27th of June, Thermr 89°, and the coldest was the 19th of November; but August was the hottest month throughout.

The lowest Baromr. for the Year was 28·90 on the 23d of March, and the highest was 30·68, on the 15th & 16th of September, but on the 31st of May and on several days of December it was nearly as high.

Orlando Whistlecraft.

January 1852.

January.	Barometer	Wind.	Thermometer out-doors: lowest	8 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Depth of rain.
Thursday, Jan. 1st.	30·02 29·92	SW1.	35	35	41	Cloudy with lofty grey clouds, and very little wind, but very fine and drying. Evening and night also cloudy & freezing.	35	
F. 2nd.	·79 ·72	SW3.	32	33	41	Cold & cloudy, gentle frost, clearer at noon, afterwards much blue haze & cloudy sky, with more wind: little rain 5pm. Eveng & night fine and clearer.	41	
S. 3rd.	·84 ·67	SW1. SSW4.	32	32	49	Clear and frosty morning, bright till after 2 pm, then hazy, and became quite cloudy from sunset: thick and lowering evening, and wind increased much. Galy night & Thermomr went up to 49° after 9 pm! Very stormy at midnight.	38	
Su. 4.	·42 ·87	W7. NW5.	38	43	43	High wind, & drifting showers early in the morning: fair, bright and windy forenoon, continued clear all day, & very cold wind. Bright moon-light eveng, & wind-frost.	33	·13
M. 5.	30·27 ·17	S1. SW3.	26	27	41	Clear and sharp frost, became rather cloudy after 11 am, much cloud in many forms but fine, and more wind. Red sun-set. Hazy eveng, but clear and frosty after 8.	35	
Tu. 6.	·02 29·81	S2. SE3.	33	35	45	Very fine and bright, with a drying breeze. Evening more hazy, and the wind gusty: very windy night, & hazy sky.	36	
W. 7.	·50 ·87	S5. SW3. WSW3.	37	48	50	Overcast and squally wind, storm of hard rain at 10 am, afterwards fine. Bright and pleasant afternoon. Clear moon-light eveng, and brisk wind. Full moon 6 am, Total Eclipse hidden by clouds.	40	·17
Th. 8.	·92 ·41	S2. S6.	35	36	47	Fine and windy with hazy sky, and some sun. Eveng more cloudy, and strong wind all night, with stormy lowering sky.	40	
F. 9.	·05 ·36	W7. W6.	34	34	40	Strong gale & rain at times early a.m. fine and windy with clear sky in the forenoon, but the afternoon cloudy with a little drifting snow & hail.	34	·07
S. 10.	·71 ·78	W3. W1.	30	31	38	Sharp wind & hard frost, very clear day throughout, and less wind. Clear and sharp frost in the eveng, but hazy after 7 pm: sudden change to mild & cloudy after 10 pm	30	
Su. 11.	·02 ·20	S5. SW4.	30	49	52	Windy & mild, with hard drifting rain early in the morng: bright and mild in the day, and a mild & windy evening, but chiefly clear.	44	·42
M. 12.	·32 ·35	SW1. W2.	43	47	52	Overcast and mild, with rain from 11 am all the afternoon, but a fine evening, and at times clear.	44	·32
Tu. 13.	·62 ·65	NE2. E1.	36	36	44	Heavy rain from 3 am. & almost continual till near 11 am, finer afternoon but from 4pm - hard rain again all the evening, - till 9 pm.	42	·83
								·49
						(rain carried over		2·43

JANUARY 1852.

January	Barometer	Wind	Thermom. out doors lowest	8 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Rain brought over
W. 14.	29·82 ·93	Var. 0 E 1	40	42	48	Foggy at times, but very fine and some sun with light grey clouds in the afternoon. Foggy night and rain at times.	44	2·43 ·22
Th. 15.	·60 ·72	S 4 SW 3	43	49	55	Lowering, mild and windy, hard rain at 10 am, bright and warm noon and afternoon, but a close and rainy evening. — Strong wind during the night. —	47	·13 ·15
F. 16.	·88 ·99	W 3 W 2	43	44	51	At 4 am, a heavy gale at WNW, but soon abated, clear morning, and very fine sunny day, mild with a few linear cirri. — The Aconite in flower these three days, with some primroses in garden. Snowdrop appearing and birds tuneful. Cloudy evening.	43	
S. 17.	30·03 ·25	W 3 W 1	40	40	47	Showers of rain at 5 and 6 am, but fair and clear all the day, with a cold breeze. Evening clear, and a little frosty during the night. —	39	·12
Su. 18.	·37 ·33	W 1 SW 1	35	36	46	Grey haze, cirri, & little white frost early; fine and sunny day, very red and streaked sky at sun-set, and a hazy eveng.	38	
M. 19.	·28 ·12	S 2 S 2	34	34	46	Very fine, and chiefly clear, with a little frost, continued fine and bright all day. Clear sun-set, and starlight eveng.	36	
Tu. 20.	29·91 ·75	S 3 S 4	35	44	49	Cloudy, close, and rather windy, with a few drops of rain at times. Evening squally and mild, but fine.	45	
W. 21.	30·02 29·68	SE 1 SSW 6 SW 7	35	36	47 to 53	Very fine and sunny till noon, then hazy and became cloudy with more wind at 4 pm; a very tempestuous eveng, dark and windy, and stronger gales after 7 pm. New moon 7h morng. — Very squally all night and thermom. ran up to 53° near 12 pm.	43	
Th. 22.	·25 ·41	W 3 WSW 4	41	42	48	Hasty storms of rain early a.m, fine and bright all day, with boisterous wind: eveng starlight & less wind. —	38	·32
F. 23.	·52 ·83	SW 2	34	35	46	Quite clear, very fine, sunny and drying day, a few very small clouds. Eveng clear starlight.	36	
S. 24.	·86 ·67	S 2 S 6	33	36	45	Grey frost and fine morng, windy and cloudy in the day, and a dark and tempestuous afternoon, followed by rain at 8 pm: finer night & less wind.	42	·13
Su. 25.	·85 ·92	SW 1 SW 3	37	39	49	Very fine, bright and mild, with gentle wind; more wind & some clouds in the Evening. — Shower at 9 pm. — but the night fine.	42	·05
M. 26.	30·13 ·07	SW 1 S 3	34	36	49	Very fine bright and pleasant, with thin and small clouds at times. Hazy dappled & windy night. —	42	
Tu. 27.	29·75 ·61	S 5 S 5	41	43	48	Cloudy windy and boisterous; and at 2pm rain which continued more or less till night, and increased during night. — (rain carried up —	43	·34 3·89

JANUARY 1852.

January	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Rain brought up
W. 28.	29·80 30·02	NW 1 NW 1	36	38	46	Very fine, bright and pleasant day, gentle wind & few clouds, but near sunset some rocky groups and yellow clouds about. Evening cloudy after 8. but night clearer. —	39	3·89
Th. 29.	·15 ·10	S 0 S 2	31	32	45	Clear above, haze below, sun rose clear salmon tinted, hard frost & calm. Fine sunny day but hazy at sunset, some clouds, & more wind. windy & cloudy night. —	38	
F. 30.	29·63 ·78	S 4 SW 4 NW 6 & 3	37	42	48	Boisterous wind & rain from 7 am. till 9 am, squalls & rain at times till 1 pm, wind then veered & blew strong NW, afterwards bright and the evening clear, with bright moon and stars & brisk wind. —	37	·26
S. 31st	30·02 29·68	S 2 SW 4	34	35	49	Hazy morng, overcast & cold till noon, afterwards rainy and more wind. Much warmer in the eveng, some rain at times in the night. Total rain =	49	·18 4·33

Results for January 1852.

Barom.	Highest on 18th	30·37	Thermom.	Highest on 15th	55°
	Lowest on 11th	29·02		Lowest on 5th	26
	range	1·35		range	29
	Mean of month	29·72		Mean of Month	41·2
				Mean daily range	11·19

Depth of rain 4·33 Inches. Fine days 16; Winds chiefly SW. S. & W.

This month was very mild, windy & unsettled with much rain, but there were some very bright and pleasant days at times. The rain was a most salutary supply, for the fall of water had hitherto been unusually small since the month of April previous. The drought in the Southern Counties was still much greater than with us during the last 7 months of last year. —

The little garden flowers in January 1852 have appeared in the following order. — The Aconite's yellow blossom on 13th, Snow-drop on 19th. Crocus leaf on 21st. Anemone flower plentifully from 22nd, primroses all the month in the garden, and the daffodil leaf on 23rd. — No great amount of sickness near us, but the large towns, and more so in the Northwest counties, suffered much from Hooping Cough, Scarlatina, and Measles, many fatal cases of Scarlatina in those districts. —

FEBRUARY 1852.

Feb.y	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Occurrences.	Thermom.r 8 pm	Depth of rain.
Su. 1.	29·75 ·95	SW_4 W_5 4. 2.	46	53	58	Windy & mild, with flying clouds, bright and very warm in the middle of the day, but wind strong at times; Eveng bright moon and fleecy clouds, wind much less.	49	
M. 2.	30·11 ·00	SW_1 SW_3	41	45	56	Foggy morng, but a fine and mild day, more or less cloudy and brisk wind; fine and mild eveng, but the night clearer.	49	
Tu. 3.	·07 ·13	W_1 W_3	40	40	51	Quite clear all day, very fine, pleasant and drying day, but became hazy at 8 pm. Windy night & again clear. —	42	
W. 4.	·14 29·80	SW_3 WSW_6	38	42	53	Cloudy morng, became dark with continual hard rain from 9 am till 4 pm, afterwards strong gale all the evening, and most of the night. —	53	·45
Th. 5.	·77 ·66	SW_5 SW_5	50	52	56	Very squally and mild, little rain at times: more rainy after 2 pm, and the eveng very warm & squally. Full moon 7 pm: — windy night. —	53	·14
F. 6.	·65 30·02	W_6 NW_3	43	43	49	Windy but chiefly fine, some black clouds & distant storms, a little hail here at times. Bright with less wind after 2 pm. — Clear moonlight eveng.	40	
S. 7.	·20 ·12	W_2 SW_2 3 = 4.	36	41	49	Very fine and bright with light cirrus clouds, more cloudy at sunset. A very drying day; and the eveng cloudy.	43	
Su. 8.	29·63 ·36	SW_4 SW_4	42	44	53	Cloudy, windy, and stormy. Much rain from 7 am till 10 am; then fine, mild, and some sun at times, but again clouded after 2 pm, and a wet and squally evening. —	48	·22
M. 9	·13 ·48	W_3 NW_3	40	41	46	Much rain from 1 am and all the morng, day overcast, and rain at times, and became colder after 1 pm, clearer and finer from 4 pm. — Night frosty & in part clear.	36	·50 ·12
Tu. 10.	·68 30·05	N_1 NE_3	31	32	45	Frost early, hazy with snow & sleet at 8 & 9 am; and hasty drifts of sleet in the day, with sun at times; Evening chiefly clear & frosty. Hail at 9 pm.	36	·03
W. 11.	·18 ·20	N_0 E_0	31	32	44	Clear and frost, very fine sunny day, calm but cold, and some cumuli at times; evening and night chiefly clear and frosty. —	34	
Th. 12.	·10 29·91	SE_0 SE_0 1. 2.	28	29	40	Clear and hard frost, fine sunny day, with grey clouds & very cold. Evening clear, and hard frost; but less after 9 pm, and more wind and clouds at times.	31	
F. 13.	·73 ·81	SE_2 SE_1	31	32	39	Cloudy & cold, very keen wind, and but little sun; evening frosty and clearer but rather hazy in the night.	32	
S. 14.	30·14 ·26	SW_0 SW_0	30	31	43	Frost and hazy at first, bright from 8 till 11 am, afterwards lightly clouded but very fine and calm. — Crocus in flower. —	34	

Carried up, rain 1·46

FEBRUARY 1852.

Feb.y	Barometer	Wind.	Thermometer out doors: lowest	8 am	highest	Natural Occurrences.	Thermometer at 8 pm.	Depth of Rain.
Su. 15.	30·24 ·13	SW_2 SW_3	32	36	48	Cloudy more or less, and mild with a little sun, more cloudy and more wind after 3 pm. — Very bright Aurora in the North at 7 pm, but cloudy more or less: — and the night clouded.	44	(Brought up — 1·46
M. 16.	·15 ·01	SW_3 W_4 5. – 6.	39	41	49	Cloudy at first, but bright from 9 till 11, afterwards lowering, squally wind, and little flying showers at times; evening windy with drifting rain. —	43	·15
Tu. 17.	29·87 ·62	W_6 W_5	43	52	54	Cloudy with squalls of wind, but very mild, and some sun at times in the afternoon, the wind was strong at 1 and 2, in the morng, and again at eveng, and very mild air. Showers at 12 pm.	51	·11
W. 18.	·55 ·70	NW_7 NW_6	38	38	46	Strong gale, and very cold, but chiefly bright sun, rocky clouds, & hail storms passing Northward not far distant. — Eveng clear, less wind, & frosty air. —	35	
Th. 19.	·82 ·84	NW_5 NNW 4. 3. 2.	29	30	39	Keen wind & frost, showers of snow before day-light, bright forenoon, but overcast and snowing fast from 1 pm much heavier from 5 pm, and all the evening. At 8 pm — Snow about 3 Inches deep.	32	
F. 20.	30·12 ·24	NNW_2 N_1	26	26	37	New moon 1 am; heavy falls of snow before daylight, clearer & sharp frost till after 9 am, excessive fall of snow from 9 till 10, afterwards bright: and the eveng clear & severe frost. Thermr at 9½ pm 24° — clear night & but little wind.	26	Snow 9 Inches deep.
S. 21.	·31 ·37	W_0 SW_2	17	19	38	Clear and severe frost, continued quite clear till 3 pm, then became hazy and cloudy, more wind and milder, but again clearer after 8 pm. Night chiefly overcast and little frost. —	34	
Su. 22	·44 ·61	NW_1 NE_1	31	34	43	Cloudy little frost but soon thawing, chiefly cloudy till 1 pm, afterwards clear, bright afternoon, keen wind but gentle. Evening clear & little frost. —	33	
M. 23.	·72 ·70	NE_2 NE_3	30	32	42	Hard frost early. Fine day, grey clouds, with sun, and very cold wind. — Evening cloudy wind colder and freezing air. —	33	
Tu. 24.	·60 ·48	NE_3 ENE 4.	31	34	41	Very fine sunny day, frost in the morning, and very cold wind all day, cloudy eveng, and more wind.	35	
W. 25.	·42 ·39	NE_2 NE_4	33	35	44	Grey clouds and sun, with cold drying wind, and more wind all the evening but chiefly clear. Night cloudy. —	34	
Th. 26.	·41 ·35	NE_3 NE_2	34	37	44	Cloudy and light rain at times, but the sun occasionally bright. Evening chiefly clear, and wind less. —	36	·04
F. 27.	·18 ·10	NW_1 NW_1	34	39	47	Cloudy with sun at times, rocky and stormy clouds, but milder, and a little rain from some lower clouds a few times. Eveng fine and starlight. —	38	

Card over. Depth of rain, Inches 1·76

February 1852.

Feb.y	Barometer	Wind.	Thermometer out doors lowest	8 am	highest	Natural Occurrences.	Thermometer 8 pm	Rain.
S. 28.	29·75 ·65	W 2. NW 4.	36	43	46	Cloudy and dark with rain at times, clearer pm, but a squall at 5½ pm, followed by hail & heavy snow till after 6. then a clear evening.	33	1·76 ·04
Su. 29.	·73 ·90	NW 4. NW 1.	33	36	43	Cloudy & squally, some sun at intervals, and flying storms of hail in the afternoon. Fine, clear and calm evening, and little frost.	33	
						Total =		1·80

Results for February 1852.

Barom.r	Highest on 23.d 30·72 Lowest on 9th 29·13 range 1·59 Mean of Month 30·02	Thermom.r	Highest on 1st 58° Lowest on 21st 17° range 41° Mean of Month 40·6 Mean daily range 11·37

Rain 1·80 Inches, Fine days 18; winds SW, & NW.—

This month was very changeable with much very mild weather in the early part and it was chiefly mild to the 18th day. afterwards squally with snow & frost at times. Snowdrops and Crocuses in full bloom with primroses and anemones in the garden most of the month, and but little checked by the short frosts. The towns suffered from Typhus, Bronchitis, & Scarlatina

March 1852.

March.	Barometer	Wind.	Thermometer out doors lowest	8 am	highest	Natural Occurrences.	Thermometer 8 pm	Depth of Rain.
M. 1st.	29·80 ·71	SW 3. W 1.	31	36	47	Frost early & clear at sun-rise, cloudy with brisk wind all the middle of the day, dark rocky clouds at 4 & 5 pm, & less wind. Close evening and some rain. Night fine.	38	·03
Tu. 2.	·84 ·92	NW 2. N 1.	33	36	46	Rocky clouds with hail & sleet but chiefly fair and bright.— Clear & cold evening. Frost all night.	32	
W. 3.	·98 30·25	N 1. NE 4.	29	32	41	Frost early: very cold wind, with showers of hail: and sun at times Fine even.g, grey clouds, and frost.	31	
Th. 4.	·42 ·54	SE 2. SE 2.	28½	32	44	Frost morn.g and night, very bright all day, and clear moon-light all night & sharp frost.—	31	
F. 5.	·71 ·80	Var. 0. SW 1. SE 1.	23	27	45	Severe white frost, bright all day, very little wind, warm in the sun: red streaked sun-set— clear night, and sharp frost.	33	
						Rain carr.d over		·03

MARCH 1852.

March.	Barometer	Wind	Thermometer out doors lowest	8 am	highest	Natural Occurrences.	Thermometer 8 pm	Rain
S. 6.	30·82 ·81 ·82	E 0. E 1.	25	28	45½	Clear & sharp frost. Full moon 5½ am. Bright all day, warm sun, & keen wind. Clear moon-light even.g, and very sharp frost, but less severe after 12 pm.	31	Br.t up ·03
Su. 7.	·74 ·70	NE 1. NE 1.	27½	34	51	Clear & frost in the morn.g, very bright all day, & much warmer, gentle wind and no cloud. Evening clear, and but little frost.	34	
M. 8.	·63 ·58	NE 2. NE 2. 3.—	32	37	49	Foggy morn.g, cleared off at noon, very fine and bright afternoon, warm in the sun: Skylark soaring. Even.g cloudy & more wind.— Fog in the night.	37	
Tu. 9.	·52 ·50	NE 2. NE 2.	36	42	53½	Foggy & cloudy morn.g, bright warm and pleasant afternoon, and golden sunset. Stars bright till 8, then cloudy and foggy.—	39	
W. 10.	·47 ·41	NE 2. NE 0.	36	41	53½	Cloudy morn.g, and little fog, became clear at 11 am, very bright afternoon and but little wind. Pure golden sunset, and clear evening.—	39	
Th. 11.	·31 ·30	NE 2. NE 3.	36½	42	46	Cloudy more or less all day, with more wind, and colder in the afternoon. Even.g cloudy.—	38	
F. 12.	·41 ·43	NE 2. NE 2.	35	40	50	Little rain early, but bright and pleasant after sun-rise: very fine sunny day with cumuli & keen wind.	38	·02
S. 13.	·45 ·50	E 2. E 1.	36	41	49	Cumuli clouds, & bright sun, very fine, dry and pleasant. Evening and night chiefly clear, & little frosty.—	39	
Su. 14.	·51 ·47	NE 2. NE 1.	32½	40	48½	Bright sun, and large rocky cumuli, more clouded from noon till 2 pm, & chiefly so all the afternoon. Even.g & night clearer and frosty.—	38	
M. 15.	·51 ·49	NE 1. NE 1.	31	37	49	Frost early, but more or less cloudy in the day, some sun, and at other times a little rain, but chiefly fair calm & cloudy.—	40	
Tu. 16.	·47 ·43	NE 2. NE 1.	40	44	51	Cloudy all the morn.g, and most of the day, but very fine, and more sunny after 2 pm. Even.g very clear.	40	
W. 17.	·42 ·42	NE 2. NE 1.	36	44	51	Very fine and pleasant, many grey clouds, and sun at times. Evening chiefly cloudy.	41	
Th. 18.	·36 ·28	NE 1. NE 0.	34	40	49	Fog till 7 am, fine day, much cloud but sun at times; Even.g clear and frosty: and a clear night.—	37	
F. 19.	·27 ·25	E 3. E 1.	32	43	48	Chiefly cloudy and a cold wind, with little sun, but the evening clear and frosty— with less wind.	35	
						Rain carr.d over		·05

March 1852.

March.	Barometer	Wind.	Thermometer out doors. lowest	8 a.m.	highest	Natural Occurrences.	Thermom. 8 pm	rain depth
S. 20.	30·23 ·23	ESE 3. SE 2.	31	42	52	Vernal Equinox. — Brought up New moon 7 morng: quite clear, and white frost, very bright all day, and a parching breeze, no cloud till sunset when light plane cirrostrati appeared in West horizon. Eveng chiefly clear. —	39	·05
Su. 21.	·28 ·23	SE 2. SSE 3.	33	45	56	Very bright and pleasant, no cloud to dim the sun, till thin cirri came on at SW at 3pm: a warm day, and the Peacock butterfly appeared. Eveng chiefly clear.	41	
M. 22.	·25 ·23	SSE 1. SE 1.	34	48	64	Exceedingly fine bright and warm with arcs of curdled white cloud, and gentle wind. Some cirri at Sunset in the Western sky. — Night clear, and heavy dew. —	46	·
Tu. 23.	·18 ·10	SW 1. SW 0. Var. 0.	35	48	67	Extremely fine, bright and hot for the season, a few light cirri, & electric dappled clouds, with scarcely any wind and the evening calm, very warm, and slight haze. The unusual splendor, & loveliness of this day, I fully enjoyed in a jaunt to Botesdale: and with the exception of the yet unopened foliage — it seemed like the reign of Summer!	49	
W. 24.	29·99 30·06	NE 2. NE 3.	35	46	49½	Hazy & curdled morng, but pleasant till after 9am, then a cold breeze and scuds from NE, became quite cloudy, and cold. — Highest Thermom 9am, then falling all day & by 3pm only 44°! Clearer in the night and frosty. —	38	
Th. 25.	·10 ·11	N 1. N 2.	30	39	47	Frost early: bright morng, a little sleet and hail at times, rocky clouds, and sun. Evening at times cloudy, but cold. with distant hail clouds. —	37	
F. 26.	29·92 ·88	NNW 2. N 1	32	40	47	Chiefly fair & at times bright. the clouds rocky & a little hail & snow at intervals: — night fine, and at times clear. —	35	
S. 27.	·72 ·67	SW 1. SW 0.	32	39	47	Cloudy & thick all day, cold & raw with little gleams of sun. — Eveng cloudy calm & raw. —	39	
Su. 28.	·75 ·79	E 1. E 2.	27	36	50	Sharp frost at first, then fog at 6 & 7am. Fine day, chiefly bright with rocky cumuli. Clear moonlight eveng. —	36	
M. 29.	·65 ·54	E 2. SE 2.	33	44	56	Curdled clouds all the morng from SW across the lower current, became bright at 11am, very bright and warm afternoon. Evening hazy with streaks of vapour diverging from SW. —	43	
Tu. 30.	·33 ·42	S 2. SSW 2. SW 4.	45	54	59	Rain early am, close and cloudy morning, little rain at noon: some sun in the afternoon but chiefly cloudy close and warm. — A growing day. — Cloudy warm, and windy evening. —	53	·20
						carried up		·25

March 1852.

March.	Barometer	Wind	Thermometer out doors. lowest	8 a.m.	highest	Natural Occurrences.	Thermom. 8 pm	rain Brought up
W. 31.	29·82 ·86	N 2. N 2.	43	47	49	Cloudy more or less all day, little gleams of sun, and chilly wind. Evening very cloudy, and cold, with a little more wind. — Fine night, less wind, and less cloud but no frost. —	41	·25
								0·25

Results for March 1852.

Barom.	Highest on 6th	30·82	Thermom.	Highest on 23d	67°!
	Lowest on 30th	29·33		Lowest on 5th	23°
	range	1·49		range	44
	Mean of Month	30·202		Mean of Month	41·68
				Mean daily range	17·38

Fine days 27; Rain only ·25 of an Inch; & Winds NE, E, & SE. —

This month was remarkably dry and fine throughout, with much Easterly parching winds, but some very bright and warm days at times: the 23d unusually hot, but most of the month cold & bleak.

General notes on the month of March 1852.

The Vernal Indications occurred in the following order.

Pied Wagtails became numerous early in the month.

Rooks busy and forward with their nests about the 10th.

Starlings noisy from the 11th day, and blackbirds nests and eggs found. — The Peacock butterfly appeared on the 21st and the yellow also. —

Violets flowered all the month, and a few cowslips and oxlips opened about the 23d.

Scarlatina prevailed much all this month, with Cynanche in different forms. —

APRIL 1852.

April.	Barometer	Wind.	Thermometer out doors lowest	9 am	highest	Natural Phenomena.	Thermometer 8 pm.	Depth of rain
Th. 1st.	30·10 ·31	NE 2 E 1. E 0.	39	44	53	Clouds and sun, very fine and drying day, bright afternoon. Brilliant sun-set and clear moon-light eveng. – A perpendicular beam of yellow light on the horizon just over the sun. some time after it set. –	37	
F. 2nd.	·38 ·42	E 0. ESE 2	29	45	53	Keen frost early, very fine, bright and parching day. Some cirri near the setting sun. Very clear evening: – and frosty night. –	37	
S. 3rd.	·43 ·40	NE 1. NE 1.	28½	46	53	Sharp white frost early, very fine and bright all day, keen wind, but warm sun. – Clear and frosty evening. Cloudy after 11pm	37	
Su. 4.	·25 ·27	E 3. E 2.	33	44	52	Some rain & snow early. fine with sun and rocky clouds after 8 am; fine sunny day, but cold wind, and some cumuli. Full moon 2½ pm; clear sun-set, but cloudy after 8 pm. –	39	·03
M. 5. ☌ ☿ ♄	·22 ·21	E 1. E 1.	37	48	56	Cloudy with sun, very fine and pleasant, more sun, & less wind at 1 & 2pm. – afterwards cloudy, with gentle breeze, and milder evening than many past.	44	
Tu. 6.	·22 ·24	NE 2 NE 2.	41	47	51	Cloudy more or less all day, and a cool breeze, very little sun appearing, but fine, and the eveng the same.	41	
W. 7. ✶ ♀ ♂	·27 ·30	NE 3 NE 2	41	46	49	Cloudy morng, and chilly wind, chiefly cloudy all day, but some sun at times, eveng cloudy & cold wind. –	41	
Th. 8.	·35 ·32	NE 2 NE 1.	34	43	54	Very fine, and chiefly bright with a keen breeze but warm in the sun; some mottled sheets of cloud after 1pm, but a fine eveng, & chiefly clear. – Aurora bright at 8pm in the North. –	40	
Good Friday 9.	·39 ·42	NE 1. NE 2	37	47	52	Cloudy with sun, and keen wind, but very fine & parching; very clear evening, and a sheet of coppery cirrostrate about the setting sun. Stars bright at 9 pm. and a Meteor fell in SSE. – Frosty night.	39	
S. 10.	·35 ·27	Var. 0. NW 1. NE 1.	28	48	59	Keen frost early, very fine day, grey clouds and sun, pleasant & warm afternoon: Hazy at sunset. Eveng clearer. – The Wryneck sang these two days.	43	
Su. 11.	·25 ·25	E 1. E 1.	32	50	56	Very fine, with grey clouds & sun, chiefly bright in the afternoon, but a keen wind: Cowslip in flower. Willow leafing.	43	
M. 12.	·34 ·39	E 1. SE 1.	40	48	60	Cloudy morning, cleared off at 10 am, – and a very bright, calm, and warm afternoon, calm, bright & lovely evening. – Night clear. –	44	
Tu. 13.	·41 ·35	SE 1. SE 1.	31½	50	68	Fog early: very fine – quite clear from 9 am, calm and hot sun all day. – clear orange sun-set.	51	
(Dear little America seized with Scarlatina at 5 this morng. –)						Bats on the wing at 7½ pm. Horse Chesnut in leaf. – car^d up –		0·03

APRIL 1852.

April.	Barometer	Wind.	Thermometer out doors lowest	9 am	highest	Natural Occurrences. –	Thermometer 8 pm.	rain ·03
W. 14.	30·34 ·29	NW 2. NE 2.	36	56	73	Very bright and hot, with a breeze at times. Hazy evening, and bats on the wing. Foggy night & cool breeze. –	53	
Th. 15.	·26 ·22	NE 2 NE 4.	35	46	57	Fog till 8 am – fine sunny day, light clouds, and cool breeze. Cloudy eveng, and more wind, much colder. –	43	
F. 16.	·17 ·14	E 4. E 4.	41	46	51	Cloudy till noon, & cold wind, bright afternoon and evening, but a very cold breeze: and clear frosty night. –	36	
S. 17.	·04 29·91	SE 0. N 2.	30	46	52	Grey frost early, light curdled clouds, and warmer after sun-rise – fine but hazy and some darker clouds in the Evening. – Some rain during night. –	45	
Su. 18.	29·86 30·01	NE 4. NE 1.	41	45	45	Cloudy little wet till 9 am, dark clouds, and colder wind, thermomr highest 9 am, afterwards falling all day, & all the afternoon stood at 40° only, and fell to 36° at 8 pm, with cloudy sky, and less wind. –	36	·04
M. 19. New moon at noon.	30·15 ·15	NE 1. SE 1.	34	42	46	Some stormy clouds with a little snow at 8 & 9 am, afterwards fair, with grey cumuli, mixed clouds & sun. – The eveng chiefly bright till sun-set. –	37	
Tu. 20.	·18 ·20	Var. 0. S 2 SSE 4.	25	47	59	Clear & severe frost early, day bright, much warmer, but windy after 2pm, clear but hazy below in the eveng; night chiefly clear, and less wind.	45	
W. 21.	·22 ·17	SE 2. SE 1.	34	53	61	Very bright all day, and fresh breeze, some cirri clouds about. – Evening chiefly clear but rather hazy during the night. –	42	
Th. 22.	·05 29·98	ESE 3 SE 3.	39	56	61½	Bright all day with streaks of haze, and a coloured halo round the Sun all the forenoon. Hazy evening, some wind all night.	48	
F. 23.	30·03 ·10	E 5. ENE 6	42	59	64	Hazy, & very windy parching day, bright in general, & streaks of dappled cloud: Eveng more hazy, & strong gale & cold. –	46	
S. 24.	·12 ·11	NE 6 NE 5.	41	50	54	Strong and very cold gale all day, bright sun, & loose cumuli clouds. – Rather less wind at night, but very cold. –	40	
Su. 25. □ ♂ ♄	·05 ·03	NE 4 NE 3.	38	52	54	Bright with a parching wind, and cumuli clouds; afternoon cloudy, windy and very cold; eveng in part clear. – and a clear night.	43	
M. 26.	·09 ·10	NE 2 NE 1.	36	56	61	Clear, very bright all day, and warmer with a continued parching breeze; Evening cold & clear, but the night cloudy & but little wind.	43	
Tu. 27. ☌ ☉ ♄ □ ☉ ♂	·22 ·23	NW 1. NE 1.	40	50	58	Cloudy morning, & more or less so till near noon. Bright afternoon, light clouds, and very little wind. Much cirrus in the Evening, but the night clear till midnight.	45	
						car^d over –		·07

APRIL 1852.

April.	Barometer	Wind.	Thermometer out doors. lowest	9 am	highest	Natural Occurrences.—	Thermometer 8 pm	rain ·07
W. 28. □⊙☽	30·27 –·09	S E, 1. SSW 3. S 2.	30	52	63½	Frost early, then fog till after 7, bright and warm day with haze & dappled clouds; Eveng cloudy, and a warm breeze.—Rain after 9 pm.—	53	
Th. 29. ✝	29·91 –·80	SW 2. SW 3.	45	57	63	Close and rain early,—and much warmer. Dear little Amelia Susan—died at 20 mins before 7 am: aged 23 months. Cloudy & close day, little wet at times. Eveng also close & cloudy.—	58	·15
F. 30.	–·65 –·60	WSW 2. SW 3.	52	57	63	Cloudy, some rain early; close and warm day, chiefly cloudy and little sun at times, black clouds and distant thunder all the eveng; and hard rain here from 7½ pm, till near 9 pm.—	53	·07 ·30
						Total rain		0·59

Results for April 1852.—

Barom.r	Highest on 3rd — 30·43 Lowest on 30th — 29·60 range — 0·83 Mean of month — 30·18 —	Thermom.r	Highest on 14th — 73° Lowest on 20th — 25. range — 48 Mean of month — 46·533 Mean daily range — 20·40

Fine days 26. Rain ·59 of an Inch: winds chiefly N E, and E.—

General notes for April 1852.

The Vernal indications proceeded as follows,
9th & 10th Wryneck heard; 11th Willow leaf; Cowslip flower;
13th 14th Bats on the wing at eve; Horse-Chesnut leaf;—
14th Cuckoo heard; 17th Chimney Swallows abundant; and
Blackthorn in flower. 27th Sycamore leaf.

This may truly be called the Black Spring of 1852. for although a fine & dry time for seeding, the great prevalence of harsh Easterly winds checked vegetation so that the landscape remained a black & barren picture to the end of April, and a woful amount of sickness scourged the population. Scarlet fever in different degrees; with a complication of diseases consequent thereon—and many deaths especially among children. The beloved child of the writer—(as noted in the remarks on 29th above)—fell a sacrifice to this—after 16 days severe suffering! A day of bitter affliction—to the writer!!!

MAY 1852.

May.	Barometer	Wind	Thermometer out-doors. lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm	Rain in inches
Sat. 1.	29·80 –·90	N 3. NW 2.	43	49	56	Cloudy morning, fine day, and chiefly sun in the afternoon, with cumuli clouds, and a bright evening. Night rather stormy & a little rain.—	46	
Su. 2.	–·95 30·13	N 3. N 3.	39	48	50	Storms of sleety rain & hail, sun at times, with cold wind. Afternoon fine, little more sun, but very cold; the evening the same, but wind less.—	41	·02
M. 3.	–·19 –·25	N 1. NE 1.	34	51	57	Cold morng, bright and warmer as day opened., chiefly sun, and cumuli clouds, with a cool wind; clear sun-set, & yellow sky. Full moon 10 pm;—	42	
Tu. 4.	–·29 –·28	NE 1. E 1.	32	51	57	Frosty morng, fine & bright day, cumuli clouds, & white haziness in some parts of the sky. Evening chiefly clear, but some dense, small clouds. Funeral of Dear little Amelia.	43	
W. 5.	–·30 –·33	E 1. E 1.	31½	51	58	Frosty morng, fine day, many mixed clouds and sun at times. Eveng rather cloudy and coppery sun-set.—	48	
Th. 6.	–·31 –·25	N 2. N 1.	36	55	57	Cloudy with sun, but more cloudy in the middle of the day: Eveng brighter and much warmer.—Fine night & milder than of late.	50	
F. 7.	–·19 –·16	S E, 1. SSE 2.	40	59	69	Very fine, bright, and very warm, with a few grey cumuli clouds; hazy evening, and more wind. Close night.—	52	
S. 8.	–·13 –·15	W 1. W 1.	46	63	71	Very fine, sun chiefly bright, hazy and curdled sky, and very warm. Evening and night close and hazy.—	63	
Su. 9.	–·17 –·12	SW 2. SW 1.	51	64	76	Very fine, chiefly bright, and very hot, with thin white hazy clouds, & some much dappled; more bright after 2 pm, with distant electric groups, & very hot. Close eveng, and hazy clouds in dappled streaks.—	65	
M. 10.	–·04 29·94	SW 1. SW 3.	47	62	73	Hazy & dappled with scuds also in the morng—middle of the day bright and hot, but cloudy after 2 pm: more wind—cloudy evening, and little rain; red sky & show for storms.—	57	
Tu. 11.	–·90 –·99	SW 3. SW 4. 3. 2.	46	56	61	Flying showers at 9 & 10 am, sharp lightning & loud thunder; then windy & bright with rocky clouds. Rather windy all the night.	54	·10
W. 12.	–·85 –·71 –·80	S 3. SW 4. W 1.	47	56	60	Cloudy & windy with rain at times till 1 pm, some sun at 2 & 3 pm—Heavy shower with lightning & loud thunder—¼ past 3, afterwards bright with rocky clouds.—	56	·21
Th. 13.	–·82 –·77	SW 2. SW 4.	47	58	64	Flying clouds & sun warm at noon, but stormy afterwards—& flying showers; cloudy & windy eveng—little misling.—	58	·04
F. 14.	–·64 –·92	SW 5. W 5. 4. 3. 2.	52	58	59	Cloudy and windy; some sun at times, but frequent flying showers & blustering gales. Eveng finer, and wind abating to gentle breeze.—	52	·03

Rain card over = 0·40

MAY 1852.

May.	Barometer	Wind.	Thermometer out doors. lowest	9 a m	highest	Natural Occurrences.	Thermometer 8 pm.	Rain brought over ·40
S. 15.	30·18 ·12	SW 2. SW 3.	45	60	68	Very fine, bright, and warm, with small cumuli & brisk wind: evening hazy, cloudy, & brisker breeze: fine & clearer during the night.	59	
Su. 16.	29·99 ·92	S 2. S 1.	46	66	78½	Bright and very hot, with a fresh breeze, small electric dappled clouds in trains 5 pm: & very electric & dappled all the evenᵍ. rather hazy night & distant lightning.	67	
M. 17.	·98 ·94	W 0. S 0. SW 1. E 1.	52	62	65	Hazy & thick mornᵍ; very thick & some gentle rain from 12 till after 3 pm, then became bright till after 7 pm:– afterwards cloudy: lightning & thunder from before 11 pm till after midnight, & steady rain. –	60	·18 ·17
Tu. 18. □ ♂ 4	·80 ·77 ·84	NE 1. E 2. SE 1.	51	65	72	Lightning & distant Thunder till 3 am: bright & hot mornᵍ; dappled upward, continued clear & hot all day: cloudy at sunset, mottled & electric, & distant Thunder. Little rain at 10 pm. –	58	·02
W. 19.	·96 30·06	SW 2. SE 1.	53	61	68	New moon 3 a m; mornᵍ bright with raggy cumuli, fine bright & warm day, with lighter clouds:– Evenᵍ also bright, but at a distance rocky groups in SE. –	59	
Th. 20.	·12 ·08	E 0. SE 1 W 1.	44	61	66	A heavy shower 7 a m, afterwards bright till after 10, with rocky electric clouds; but from about noon cloudy & rain at times, Evening cloudy, some rain during night. –	55	·13 ·17
F. 21.	·07 ·07	N 2. N 2.	47	53	53	Cloudy more or less, and trifling rain at times; cold & gloomy day, evening the same, and often misling.	49	·05
S. 22. △ ♂ 4	·11 ·12	NW 1. NW 1	49	55	61	Cloudy mornᵍ, fine & clearer after 12,– bright afternoon with rocky clouds, and the evening fine, but in part cloudy.	54	
Su. 23.	·15 ·15	NW 2. N 2	50	55	58	Cloudy more or less, cool breeze, and but little sun; evening also cloudy, and the night more or less the same.	52	
M. 24.	·16 ·11	NNE 3. NE 3.	45	52	64	Cold & cloudy forenoon, but bright & warm afternoon with grey clouds; evening again cloudy: and night the same.	52	
Tu. 25.	·09 ·03	NE 2. NE 3.	48	55	58	Cloudy more or less all day, and evening, and a cool breeze: more wind all night, and very cloudy.	52	
W. 26.	29·95 ·97	NE 5. NE 2.	49	53	54	Cloudy, windy & cold mornᵍ, rain more or less from 11 a m, all the afternoon, and hard at 6 pm. Night cloudy but fair. –	51	·54
Th. 27.	30·03 29·98	NE 2. NE 2.	48	53	56	Foggy & cloudy morning, and quite cloudy all day: evening and night the same, but chiefly fine.	50	

Rain carᵈ up — 1·66

MAY 1852.

May.	Barometer	Wind.	Thermometer out doors. lowest	9 a m	highest	Natural Occurrences.	Thermometer 8 pm.	rain brought up – 1·66
F. 28.	29·93 ·92	NW 2. NW 1.	47	54	57	Cloudy more or less, little gleams of sun near noon, but cool, and a little misling in the Evening, and at times during the night. –	50	
S. 29.	·81 ·77 ·74	N 1. N 2.	46	52	53	Very cloudy, gloomy, cold, and rainy, exceedingly unpleasant, and the evening and night the same. –	45	·12 ·13
Whitsunday – 30.	·75 ·81	NW 2. NW 2. SW 2.	40	50	59	Cold morning, rocky clouds, and sun, fine day, with sun & many rocky clouds, cool air & distant showers of hail. Thunder in SW – 4½ pm. – Evenᵍ clearer.	48	
M. 31.	·94 ·90	W 1. W 2. 1 : 0	41	56	60	Bright mornᵍ, afterwards rocky clouds and storms of hail & rain: sun at times, and a fine & clear evening and night, and cold for the season. –	50	·05
						Total		= 1·96

Results for May 1852.

Baromᵗʳ	Highest on 5ᵗʰ	30·33.
	Lowest on 14ᵗʰ	29·64.
	range	0·69
	Mean of month	30·05
Thermomᵗʳ	Highest on 16ᵗʰ	78½
	Lowest on 5ᵗʰ	31½
	range	47
	Mean of month	53·4
	Mean daily range	16·9

Fine days 20; Rain 1·96 Inches; Winds chiefly SW. N. and NE. –

The Vernal Indications occurred in the following order. – On the 3ᵈ day Poplar in leaf. 13ᵗʰ Hawthorn in flower, and maple in leaf. 16ᵗʰ Oak and Elm in leaf. 17ᵗʰ Ash in leaf, thus completing the general verdure.

N.B. – The remarkable drought & harsh Easterly winds which set in on 22ⁿᵈ of February, ended on the 5ᵗʰ of this month so far as relates to the keen winds, but not till the 10ᵗʰ as regards a change to genial showers. A few days of considerable heat occurred between the 6ᵗʰ and 20ᵗʰ days, when all vegetation proceeded well, but the last 11 days were again ungenial, gloomy & cold. – The diseases of previous months continued all this also – especially Scarlatina and its accompaniments, with great mortality in Town & country therefrom. The deaths in London, weekly, from Scarlatina alone, were often above 40 in number, as weekly returned during April and May 1852!

JUNE 1852.

June.	Barometer	Wind	Thermometer out doors. lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	rain.
Tu. 1.	29·92 ·95	NW₁. W 3.	40	53	64	Bright with rocky clouds. & fresh breeze, but the eveng close & lowering, with a little rain at times. and a close night.	57	·03
W. 2.	·98 ·90	S W 2 SW 2	50	59	63	Warm with soft wind, clouds & sun, Full moon 6½ am. Many black clouds and trifling showers here. Close night.	57	·02
Th. 3.	·87 ·85	S W 4 SW 1	55	59	63	Close with many clouds & brisk wind, some sun at times; evening cloudy, a little rain and less wind. more rain during the night. –	55	·04
F. 4.	·83 ·96	SW 0. SW 1	50	57	66	Close and dark at times in the morng after a rainy night: but a very bright and pleasant afternoon; and the eveng the same with distant rocky clouds, & Thunder SE.	59	·14
S. 5.	30·07 ·10	SW 1 S E 1.	47	64	70	Very fine, bright and very warm with some light clouds, but some dark and heavy at a distance westward. Eveng fair & some clouds.	60	
Su. 6.	29·96 ·90	S E 1. E SE 3.	54	61	69	Lowering sultry & dripping morng; fair & sunny about noon; and the afternoon very electric, mixed clouds & sun, and distant thunder, warm eveng, & sky curdled. –	62	·17
M. 7.	·78 ·72	E SE 2 E 2.	55	64	70	Sultry with grey clouds below, & curdled above, a very close day, and thunder at a distance. More clouded in the evening, and a little rain: very close night. —	62	·02
Tu. 8.	·75 ·80	S E 1. S E 2	56	65	71	Sultry morng, foggy at first, but a very fine and hot day with mixed electric clouds in beautiful forms: bright and hot evening, and the night fine.	65	
W. 9.	·70 ·62	N E 1. S E 1. S W 1.	55	65	66	Very close, dark and cloudy, with light rain at times; and some distant Thunder. – Rain at times during night.	61	·05
Th. 10.	·61 ·63	NW 2 NW 1	50	53	57	Continual rain more or less till noon finer afternoon but cloudy & cool. – Evening brighter till sunset, but a squally night. –	54	·53
F. 11.	·53 ·64	W 3. NW 2	48	52	56	Squally, cloudy & rain at times; a dark and cold day for the season, but finer after 3 pm, and a little sun.	51	·13
S. 12.	·71 ·82	NW 2 NW 1.	49	56	61	Cloudy with a little sun at times; rather clearer from 4 till 6 pm, but the eveng cloudy, & some rain during night.	56	·03
Su. 13.	·80 ·70	W 1. W 2.	48	55	62	Cloudy, and cool breeze, little sun at times; evening more clouded & lowering, and the night chiefly cloudy. –	58	
M. 14.	·31 ·38	SW 2. W 1.	50	57	65	Heavy showers with hail, lightning and loud Thunder, most severe at 2½ pm: but sun at times bright. – Heavy rain again all the evening till near 8 pm – but the night finer. —	54	·81
						Rain Carried up –		1·97

JUNE 1852.

June.	Barometer	Wind	Thermometer out doors. lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Rain – brought up 1·97
Tu. 15.	29·56 ·62 ·70	W 1. W 2. Var. 0. SW 1.	51	58	63	Cloudy & lowering in the morng, bright from 9 till 11. then very black rocky clouds, and at 11½ am – & 12 noon – tremendous storms of hail drenching rain, vivid lightning & detonating thunder, – afterwards bright at times with many distant thunder-clouds. Eveng fair, and chiefly bright: – and the night fine.	59	·54
W. 16.	·58 ·50 ·57	SSE 4. S 3. SW 2.	51	58	67	Cloudy & drifting light rain from 7½ am, till near 11 am, afterwards fair, and a sunny afternoon. Evening and night fine, with a warm breeze & thin clouds. –	61	·11
Th. 17.	·63 ·63 ·67	SW 2. SSW 3. S E 1.	53	62	67	Fine and sunny morning with light scuds, but rather cloudy at 10 am, little wet, a few mins. New moon 4¾ pm: bright afternoon with cumuli & drying breeze. Stormy clouds in SSE – 8 pm. — Close night.	59	
F. 18.	·72 ·74	S 3. S 3.	54	64	66	Little showers 3 am. Bright morng, with flying clouds, & very warm; driving storm of rain at noon, afterwards again bright. Another flying shower 5 pm, but a fine sunny evening. Close night. –	58	·05 ·08 ·04
S. 19.	·74 ·79	S 3. SW 1.	54	62	66	Showers at 2 am, and showery again after 7 frequent flying showers. & heavy at 11, Thunder in NW & N – 4 pm. Bright eveng with rocky banks of cloud. Night fine, and less cloudy. –	60	·04 ·13 ·03
Su. 20.	·88 ·85 ·87	WNW 1. SW 1. S 1.	54	62	72	Fine & warm, bright with loose cumuli all the morng, hot afternoon, bright sun, & blue electric haze after 3 pm: Cloudy eveng, little rain at 8 pm, & after.	61	·09
M. 21.	·75 ·72 ·75	S 2. S W 3.	58	63	68	Sultry & cloudy morng, little rain at times till 1 pm, afterwards bright with flying clouds; black with Thunder NW – 4½ pm. Bright evening & more wind. —	61	·03
Tu. 22.	·78 ·76 ·81	S W 3. SW 2. " 1.	52	63	67	Bright with flying clouds, & brisk wind; a fine and warm – drying day, and the Evening chiefly bright & dappled in West.	60	
W. 23.	·83 ·88	SW 2 SW 1.	53	63	69	Clear at sun-rise, some clouds followed, but fine & warm with sun at times; a short sudden shower 6 pm. Eveng fine & calm.	62	·04
Th. 24.	30·03 ·18	SW 1. W 1. Var. 0.	51	65	70	Bright and warm with rocky cumuli, some distant Thunder-showers, but chiefly bright here till 4 pm: a very heavy shower at 4½ pm. Eveng calm & bright. —	60	·20
F. 25.	·18 ·06	S E 1. S E 2	51	67	74	Bright & hot, with small cumuli clouds rather hazy after 2 pm – & more wind; cloudy & mottled eveng: and watery looking sky. a little rain during night. –	63	
S. 26.	29·88 ·85 ·90	S E 1. SW 1.	59	62	68	Almost continual rain from 6½ am, till noon, afterwards fair with hot sun, and many clouds: bright eveng. —	64	·24
						Carried over =		3·59

June 1852.

June.	Barometer	Wind.	Thermometer out doors. Lowest	9 a.m.	Highest	Natural Observation.	Thermometer 8 p.m.	Rain brought over 3·59
Su. 27.	29·96 ·89	SW_1. SW_2. Var_0	52	62	68	Cloudy with sun, very rocky clouds, but fine till 1 pm. then a very heavy storm of rain, Thunder in SE 1½ pm. another heavy shower 2 pm, afterwards bright till 7 pm. — A shower at 7½ pm — & more in NW & N, with much lightning & Thunder — 5 miles distant.	62	·33 ·03
M. 28.	·85 ·92	SW_2. W_0.	54	63	70	Chiefly bright & very warm, with flying clouds, but a few trifling showers, some large drops at times. Cloudy, calm & close evening. and sultry night. — shower at 10 pm. —	63	·05 ·03
Tu. 29.	·90 ·85	SW_3. SW_3.	59	63	68	Much cloud, but a warm breeze, chiefly fine, and sun at times: Eveng brighter with cirri & scuds, and rather windy through the night.	63	
W. 30.	·90 30·00	SW_4. WSW 4. W_2.	55	66	71	Windy with flying clouds, & very warm, fine till about 4 pm — then flying showers till near 6 pm, afterwards bright. and the night fine & chiefly moon-light.	62	·04
						Total rain =		4·07

Results for June 1852.

Baromr.	Highest on 24th & 25th 30·18 Lowest on 14th — 29·31 range — 0·87 Mean of Month 29·77	Thermomr.	Highest on 25th 74° Lowest on 1st — 40 range — 34 Mean of month 59·41 Mean daily range 14·06

Prevailing wind SW. Rain 4·07 Inches! Fine days 11 only.

This month was very showery and unsettled throughout, but a growing time. The Dog-rose flowered about the 8th day, and Wheat Ears appeared on 12th. — Clover & grass partially a heavy crop, but very little was cut during the month. — Considerable sickness continued both in Town & country, and the bean-crop exhibited a diseased state in many places. The Potatoes also slightly evinced the old disease at the close of the month. Nearly 7 Inches of rain fell at Uckfield Sussex in the first 3 weeks of this month, which far exceeds what fell here. —

July 1852.

July.	Barometer	Wind.	Thermometer out doors. Lowest	9 a.m.	Highest	Natural Occurrences.	Thermometer 8 p.m.	Rain fallen.
Th. 1st.	30·08 ·18	W_2. W_1.	53	66	68	Bright with cumuli & mixed clouds, but loftier than of late. The middle of the day more cloudy, but after 4 pm, much brighter. Full moon 3½ pm. Calm evening and light clouds.	63	
F. 2nd.	·22 ·23	SW_3. SW_2.	53½	65	72	Bright with brisk wind, and flying clouds; chiefly bright from 1 till 3 pm, some arcs of dusky cloud at 4 & 5 pm, but still bright & very warm; Evening hazy. —	65	
S. 3rd.	·28 ·29	SW_1. SW_1. SE_0.	58	70	79	Bright & very hot with light curdy clouds, the heat much increased during the afternoon chiefly bright, and the eveng very hot, but hazy with cirri. —	71	
Su. 4. ∗ ☉ ♂	·28 ·19	SE_1. SE_2.	58	76	85	Very bright and very hot, continued clear all day, & extremely hot, with a fresh breeze at times; Eveng bright but some cirri about the setting Sun. — Very hot night.	72	
M. 5. △ ☉ ♃ = ∗ ♃ ♂	·12 ·07	SE_2. SE_1.	62	80	88½	Golden sun-rise; very bright all day, and excessively hot, distant thunder-clouds in W, & NW, in the eveng. Some fog during the night: — & distant lightning West. —	75	
Tu. 6.	·02 ·07	ESE_1. E_2.	59	80	87	Curdy cirrocumuli in beds from SE. bright, & extremely hot, so continued all day, and a fresh breeze. Eveng also quite clear and the night the same, but more wind.	72	
W. 7.	·10 ·17	E_2. E_1.	58	75	81	Clear & gentle breeze, but very hot, quite clear & no cloud all day, and a pure yellow sunset. —	68	
Th. 8.	·21 ·21	E_0 & 1. E_0.	57	78	85	Very clear, excessive hot, and bright all day, a few small cumuli at noon, but afterwards no cloud. Pure golden sun-set.	70	
F. 9.	·15 ·15	E_1. SE_2 SE_0	59	81	89	Quite clear, till after 10, then some rocky cumuli, but chiefly bright & excessive hot, Again quite clear from 4 pm, brilliant evening, and very hot. The night oppressive.	75	
S. 10.	·17 ·26	Var_0. NW_1. NE_3.	60	79	84½	Very clear morng, and extremely hot till 10 a.m, afterwards more electric & dappled, with distant thunder clouds in the East, and wind veered to NE. Thermomr highest 10½ a.m. — but rapidly fell from that time all the rest of the Day. Eveng more hazy and curdled.	63	
Su. 11.	·30 ·28	NE_2 NE_2	56	71	76	Very fine, bright, and hot, but a cooling breeze all day; some scuds in the evening and much cooler air. —	63	
M. 12.	·28 ·25	NE 2. ENE 2.	56	66	75	Cloudy, but very fine and close, became clear at noon, & a very bright afternoon, and clear sunset. —	63	

JULY 1852.

July.	Barometer	Wind	Thermometer out doors lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 p.m.	Rain in Inches & fractions.
Tu. 13.	30·25 ·23	ENE 2 E 2. ESE 1	54	71	79	Bright & very hot, with beds of electric clouds in small curdled divisions, and a fresh breeze: Eveng hazy & more so in the western sky: but a fine night, with distant lightning	64	
W. 14.	·18 ·13	E 1. E 2. Var. 0.	54	71	80.	Rocky groups & thunder in the West till 9 a.m. – Bright and very hot day, with electric dappled sky: & the distant storm passed off to North by 11 a.m; Eveng much dappled and close. – Lightning in SW at 12 p.m.	66	
Th. 15.	·05 ·08 ·05 ·04	Var 0. S E ½. E 0. W 5. Var 0. SE 1. & 0. SW 1.	61	72	83	Much lightning in W. & NW all the morng from before 1 a.m, and in SE after 2 a.m. – sultry with rocky clouds & much thunder in SE, E, & NE. till 9 a.m, then a short heavy shower. Excessive hot & bright from 10 till 2, then a tremendous storm from West, with torrents of rain, large hail, lightning & thunder. Again bright from 2½ p.m. Calm & sultry eveng, distant thunder the whole p.m. – Close night, but more wind at 10 p.m. –	73	·04 1·06
F. 16.	·07 ·03 ·00	Var. 0. W ½. S E 2. E 2. N 5. S E 1.	63	76	83	Clear & calm morng; some electric groups at a distance, but very bright, & extremely hot all day, more wind after 1 p.m, evening more hazy & most so in SW. Quick & severe lightning in SW & W, from 9 p.m. drew on at 11 p.m, and a severe storm at midnight, heavy rain, continual lightning and thunder, & a sudden gale at North, during the storm.	71	
S. 17. ☽ 4¼ a.m.	29·92 ·90 ·94	S 1. Var. 0. SSW 1. SW 1.	64	73	79½	The storm ceased here at 1 a.m, but the lightning continued in NE. & E. New moon 4¼ a.m. Excessive sultry forenoon, heavy shower at noon & distant thunder. Fine & very hot afternoon, with more clouds & wind. Eveng serene & red mottled sky.	70	·57 ·12
Su. 18.	·98 30·02	W 1. W 1. & 0.	62	71	76	Fair & close, mixed clouds & sun, and hot & sultry, but less so than of late. Hazy eveng and haloes with 5 parhelia about the sun at 6½ p.m. Rocky groups in SW & NW at ☉ set. Fine night.	69	
M. 19.	·10 ·13	W 2. SW 0	58	70	76	Fine with cumuli clouds, & sun, some blue haze at times, but hot & sultry still. Eveng bright, hot & calm. Night lightly clouded. –	70	
Tu. 20.	·17 ·13	SW 1. SW 0	61	67	74	Cloudy & close, continued cloudy, but more sun in the afternoon. Hot and hazy eveng with dappled clouds & no wind. –	69	
W. 21.	·08 ·13	W 1. W 1. & 0.	63½	68	78	Cloudy morng, shower at 8 a.m, then fine and very hot, some rocky cumuli, but chiefly bright sun: and a very close evening. –	68	·03
								1·82

JULY 1852.

July	Barometer	Wind.	Thermometer out doors lowest	9 a.m.	highest	Natural Occurrences. –	Thermometer 8 p.m.	Rain – brought up. – 1·82
Th. 22.	30·17 ·21	W 2. NW 2.	59	67	78	Cloudy morng, but a bright & very hot day, with rocky cumuli & fresh breeze; Sun set clear & very rosy tinted. –	67	
F. 23.	·27 ·24	Var. 0. N E 1. E 2.	53½	72	77	Clear morng, bright & very hot day, with cumuli clouds, some dark beds of cumuli at 3 p.m. from East. Clear eveng, & cooler than of late.	63	
S. 24.	·14 ·08	E 2. ESE 3 E 1.	56	72	76	Bright, with electric cumuli, & very hot; but a very brisk wind, Evening hazy, & beds of cirri, an electric dappled sky, and the night close. –	63	
Su. 25.	29·92 ·88 ·86	E 2. E 1. Var 0.	57	72	74	Much electric dappled cloud, & hazy sheets, but some sun, and still hot & close; Evening close, and electric, much dappled, & a little rain at 4½ p.m. Darker clouds at a distance 8 p.m. –	68	·02
M. 26.	·80 ·91	ESE 0 S E 2. ENE 2	64	69	77	Black & raggy low clouds, with very heavy rain from 5 to 6 a.m, from ESE: – became fine after 8, bright day with large rocky cumuli & very hot. More cloudy in the eveng, dark raggy & rocky masses of cloud, but the night fine & clearer. –	66	·82
Tu. 27.	30·03 ·16	N E 2 N E 3	60	71	77	A short heavy shower at 5 a.m, then fine, & became bright from 8½ a.m; very fine and bright day, & very hot, with a fresh breeze: Evening bright & sun set red in pale haze.	65	·13
W. 28.	·19 ·19	N E 2 N E 2	60	70	76	Very fine, light clouds, & sun, with a fresh breeze, but still very hot; evening more cloudy, and close, but a fresh breeze continued. –	65	
Th. 29.	·21 ·18	N E 2 N E 1	60½	70	74	Very fine, with cumuli clouds, and sun, chiefly bright in the afternoon, the clouds smaller, and the heat less than of late. Eveng bright & nearly calm. –	64	
F. 30.	·21 ·19	NNW 1 Var. 0. E 1.	55	68	75	Very fine, bright and hot with light cumuli clouds, in different currents, and very little or no wind. Most of the clouds floating in an upper NW current, but the lower breeze Eastward after 2 p.m. Eveng clear, & mist on the vales. –	64	
S. 31.	·22 ·18	Var. 0. W 0. W 0.	54	72	76	Very fine & clear morning, a sheet of dappled cloud from West at 8 a.m; afterwards sultry with much haze and mottled cloud. Evening exceedingly sultry, mottled sky and perfect calm. – Full moon 2 a.m. –	68	

Total Rain – Inches 2·79

Results for July 1852:

Baromr.	Highest on 11th — 30·30 Lowest on 26th — 29·80 range — 0·50 Mean of month — 30·136	Thermr.	Highest on 9th — 89° Lowest on 1st — 53 range — 36 Mean of month — 68·5 Mean daily range — 20·36

Rain 2·79 Inches; Fine days 26; Prevalent winds E: SE: & NE.

The month past was the hottest July ever recorded at this place, and no other month but August 1842 (ten years ago) has been so hot in the last 80 years: but each of the summer months in 1846 were nearly as hot. Scarlatina still prevailed, also Biliary disorders & nervous debility on account of the great heat. And several persons died of Coup de Soliel or Sun-stroke, while many died from debility in old age—increased by the excess of heat.

AUGUST 1852.

Augt. 1852.	Barometer	Wind.	Thermometer out doors. Lowest	9 a m	Highest	Natural Occurrences.	Thermometer at 8 pm.	Rain in Inches & parts.
Su. 1.	30·18 ·11 ·08	W 0. W 1 W 0.	58½	72	81	Very fine bright & very hot, more haze in the afternoon & some black rocky clouds at 4 pm, with a little rain, but very sultry air: & a very close & hot evening Black clouds & trifling shower 6½ pm. And heavy shower at 8¾ pm. —	69	·01 ·11
M. 2.	·02 29·88 ·84	W 1. W 1. & 0.	60	72	79	Foggy morng. but clear upward, bright and very hot from 8 am, with cumuli clouds; eveng calm & chiefly clear, but some cirri thickly bedded about West.	69	
Tu. 3.	·67 ·45 ·41	S W 1. S 2. S W 3.	56	69	76	Sultry morng, sunny & hot till noon afterwards hazy & cloudy: little rain in the eveng: and at 9½ pm very heavy rain, continued more or less till 10.	65	·27
W. 4.	·43 ·51	SW 1. W 1.	55	67	71	Clear morng, but rocky cumuli followed and heavy storms & violent thunder all the afternoon at a little distance. Showery here. Much lightning Eastward. 9 pm. —	60	·19 ·07
Th. 5	·60 ·58	SW 2. S 1.	54	66	74	Flying clouds & sun, chiefly fine here, but a slight shower 1 pm, & thunder in SE, afternoon bright & rocky cumuli, & bright eveng.	64	·03
F. 6. □☉♃	·55 ·48	SSW 3. SW 1. 2. 3.	57	65	71	Rocky clouds & sun, little flying showers at 9 am, and through the day, with sun at times. very rocky & distant thunder. — & some rain	62	·04
S. 7.	·47 ·42 ·50	SW 3. SW 2.	58	64	73½	Rather windy in the night past, and cloudy this morng, wind brisk: the mid-day bright & hot, Heavy thunder shower 3 pm. Bright evening, but rocky in NW, at sun-set.	64	·07 ·12

Rain Carᵈ up — — 0·91

AUGUST 1852.

August.	Barometer	Wind.	Thermometer out doors. Lowest	9 a m	Highest	Natural Occurrences.	Thermometer at 8 pm.	Rain in Inches & parts.
Su. 8.	29·52 ·60	SW 3. SW 3.	56	66	74	Flying clouds & sun, chiefly fine & hot. with rocky cumuli, and distant showers two short but heavy showers here. 4 & 5½ pm. Eveng fine. —	Brᵗ up 63	0·91 ·04
M. 9.	·64 ·64	SW 2. SW 1.	56	68	73	Fair & hot till noon, then showery with violent thunder around till near 4 pm, afterwards fair and sunny. — —	63	·15
Tu. 10. □☉♄ *☿♃	·70 ·77	SW 2. W 1. Var. 0.	54	66	73	Fine & bright morng, and till 1 pm, thunder-clouds SW till 2 pm, short shower here, afterwards again bright: but at 5 pm—a thunder storm near passing to SE. another, at 6½ pm distant SW. Eveng fair, but stormy yellow clouds about.	61	·03
W. 11.	·64 ·39 ·28	S E 2. SSE 5. S 5. SSW 6.	54	61	65	Overcast, hard rain from 7½ am till after 9 am, continued cloudy, rain at times, some sun at intervals after 1 pm, but frequent squalls & hard rain, with thunder Eastward. Haloes & Mocksuns at 4½ pm. Windy eveng & night: rain at times.	60	·67
Th. 12.	·25 ·42 ·50	WSW 4. WSW 5. W 5.	56	60	65	Hard rain & squally wind early, frequent squally showers in the day, sun at times, black in the North with thunder 2 pm; very squally eveng, dark & showery,— and some rain in the night. —	59	·25 ·07 ·09
F. 13.	·65 ·75 ·80	W 3. WNW 3. W 2. 1 & 0.	57	62	70	Many clouds, but fine with sun & dappled upward; less wind & more sun—afternoon, calm evening, and light haziness with cirri & dappled cloud. —	62	
S. 14. △☿♄	·88 ·85	SW 1. W 1. SW ½ SE ½.	52	66	72	Bright morng, and fine & hot till near 2 pm—but very rocky clouds, & distant Thunder—continued thunder NW & N. most of the afternoon, a little rain here at times Eveng very hazy & thick, & threatening sky Southward. — Dark & lowering night.	62	·02
Su. 15. New moon 2 pm.	·50 ·72 ·92	E 3. N E 4. N E 2. & 1.	58	60	67	Hard rain at times from 1 am, and almost continual from 6 am, till after 11 am, then fair & sun at times, very fine & bright afternoon, cumuli & drying breeze. Clear sunset, & less wind.	60	·83
M. 16.	30·10 ·05	S E 1. S E 3. S 3 S 1.	50	66	71	Fog till after 6 am, then bright but hazy till noon, afterwards cloudy & more wind. Barometer again falling after 1 pm, Cloudy & close evening, very warm breeze, and an increased sultriness after sun-set. The night remarkably close and wind to SSW. The corn harvest half completed, but the Mildew has greatly injured the Wheat, and some of the barley and oats also, and the weather is unsettled for securing the grain.)	65	

Rain carᵈ over — 3·06

AUGUST 1852.

August.	Barometer	Wind.	Thermometer out doors: lowest	9 a.m.	highest	Natural Observations.	Thermometer 8 pm.	Rain brought over 3·06
Tu. 17.	30·08 –·00 29·91 –·86	SW 2. S 2. S 2. S E 2.	64	69	76	Close, hot, & cloudy morning, very sultry day throughout, some sun, and much knotty electric cloud with trains of curdled and plane cirrostrati all the evening, some were fixed & knotty, and others ran swiftly from SSE in curious longitudinal bands. – Much lightning from 8 pm till midnight most in SW and West, & some very near at 11 pm – & the clouds lay in bands very dense & black, with light lines between. Very little rain & wind brisk across it.	68	·03
W. 18	–·86 –·93 –·95	SW 1. SE 2. 1.0 W 2.	63	66	76	Distant lightning till 2 a.m. a wild sky & little rain, wind veered to SW – 4 a.m, & a gentle shower; then fair but cloudy; hot & sunny about noon, but dark clouds from 2½ pm: and all the eveng with distant Thunder, & little rain 8 pm.	65	·04 ·07
Th. 19.	30·01 –·08	NW 1. NW 1.	59	65	68½	Cloudy but soon clearer, again cloudy and very thick haze with dark clouds more or less all day; and a very close and overcast night. —	62	
F. 20.	–·11 –·16	NW 2. NW 1.	60	64	65	Very cloudy all day, trifling rain at times but chiefly fair. and the evening and night quite cloudy, and close. –	61	·02
S. 21.	–·26 –·31	N 2. N 2.	59	65	72	Cloudy till near 10 a.m, then bright & hot till noon. fine afternoon, but cloudy. Close evening and night, and chiefly cloudy.	64	
Su. 22.	–·36 –·38	N 2. N E 2.	61	70	75	Bright & hot, with cirro-cumuli & cirri and some scuds: rather electric & dappled upward after 4 pm; Evening cloudy and more wind.	64	
M. 23.	–·38 –·37	N E 2. N E 1.	60	66	68½	Grey clouds & drying wind, less wind in the afternoon, but very cloudy and close: Eveng calm, hazy & some cirri in the West. Mist on vales.	62	
Tu. 24.	–·30 –·21	SW 0. SW 0. NW 2.	57	65	69	Fog early, cloudy, close & sultry day, no wind & dappled upward. – Dark clouds with hard rain after 7 pm – & till near 9. Close night. –	62	·21
W. 25.	–·03 29·99	SW 2. SW 1. S 0.	60	65	72	Cloudy morng, clearer after 8 a.m, fair and sultry, some sun, brisk wind and many clouds, with dappled sky above them. Dark & little rain after 5 pm.	63	·04
Th. 26.	30·15 –·22	E 1. S E 1.	53	61	70	Close and cloudy till 1 pm, then chiefly bright & hot, and a clear evening, no wind, and mist on the valleys. —	60	

Rain carried up 3·47

AUGUST 1852.

Augt.	Barometer	Wind.	Thermometer out doors: lowest	9 a.m.	highest	Natural Occurrences.	Thermometer at 8 pm.	Rain brought up 3·47
F. 27.	30·28 –·30	E 2. E 1. & 0.	53	68	74	Bright and hot, with a few small cumuli clouds, splendid evening quite clear & calm, golden sunset. Some fog during the night. —	63	
S. 28.	–·22 –·16	N E 0. S E 1. S E 1.	58	70	80	Foggy morng, but soon bright & very hot, extremely so all the afternoon, some rocky cumuli & gentle breeze; some very distant Thunder-clouds in WNW, all the afternoon & eveng. Fog came on again 7½ pm. –	68	
Su. 29.	–·16 –·18	SW 2. SW 1. SSE 1.	62	68	77	Cloudy & foggy, soon fair, sunny and very hot, with grey clouds, and curdled upward. Full moon 3 pm. – Evening chiefly clear & wd veered to SSE. – Fine night & chiefly moon-light.	66	
M. 30.	–·15 –·12	SW 2. SW 1.	56	68	73	Very fine & very hot, with small clouds and gentle breeze. Larger rocky clouds in the evening, but chiefly sun. – Night clear for the most part. —	64	
Tu. 31.	–·12 –·19	SW 2. W 1. NW 0.	54	66	72	Very fine & bright with small rocky clouds till 2 pm. then larger clouds, & distant Thunder Northward, a few large drops of rain here after 3 pm: black in N, & NE. Fine & bright eveng.	64	
						Total rain		3·47

Results for August 1852.

Barom			Thermom		
Barom^r	Highest on 22nd & 23rd	30·38	Thermom^r	Highest on 1st	81°
	Lowest on 12th	29·25		Lowest 16th	50
	Range	1·13		Range	31
	Mean of Month	29·91		Mean of month	64·74!
				Mean daily range	15·25.

Prevailing winds SW, & W to S: Rain 3·47 Inches: Fine days 15.

This month was sultry & close above the usual Temperature, yet very stormy & rainy at times. The moisture & heat combined brought on Mildew among the Crops, especially Wheat and also caused the ears to sprout. Considerable injury to the general crop was manifest, but in the latter part of the month, the barley & other produce were quickly and well housed. – Much sickness continued, chiefly cases of Scarlatina, Cynanche, and Diarrhœa. – Scarlatina has prevailed over all England from October 1851 even till now, and in this Parish ever since February last!

September 1852.

Septr.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Rain fallen.
W. 1.	30·24 ·29	S 3. SW 2. Var. 0.	53	60	70	Fine and warm, but cloudy at times, brighter after 1 pm. Evens calm and very close. Some trifling showers at a distance during the Day. —	65	
Th. 2.	·36 ·33	SW 0. SE 1. & 0.	52	69	79	Very fine, bright, and very hot, very little or no wind, & scarcely a cloud: Brilliant evens, golden sunset — rather hazy below. —	66	
F. 3.	·35 ·30	Var. 0. SE 2. SE 0	51½	70	76	Fog till near 8 am, then bright and very hot, with a fresh breeze, & cumuli clouds; Pure golden sunset, no cloud & very little wind.	62	
S. 4.	·27 ·23	SE ½ SE 1. E 2.	55	65	72	Very close, calm & cloudy, clearer in the afternoon, very hot sun at times & cumuli clouds, Hazy evens, distant electric clouds. —	62	
Su. 5.	·14 ·13	NE 1. E 2. SE 1 E 1.	59	67	75	Sharp lightning Eastward from 3 to 6 am black in NE & thunder loud at 5½ am; cloudy morns till 10, then bright & very hot. Evens close with hazy clouds. — Vivid lightning again Eastward from 8½ pm till midnight, and rain after 11 pm, little distant Thunder.	64	·12
M. 6. 84h.	·10 ·08	Var. 0. W 2. Var. 0 N 1.	60	66	75	Thick fog till 8 am, then cloudy with very hot sun till 2 pm, afterwards awfully black clouds about the N, & E, and continual Thunder all the afternoon, rain at 4 & 5 pm. Evens close & low clouds. —	63	·20.
Tu. 7.	·05 ·14	Var. 0 SE 2. E 1.	60	64	70	Rainy morning & thunder Eastward, fine and sun at times from 10 till 1 pm, afterwards cloudy more or less, but a fine evening. — Rocky & dark in South, Lightning & Thunder in S, at 11½ pm. —	63	·14
W. 8.	·12 ·18	E 2. NE 3.	59	67	72	Lightning in SW, till 2 am, little rain, but clear after 2 morns; very fine day, curdled clouds & bright sun, yellow sunset & watery sky. — Windy night. —	63	·05
Th. 9.	·12 ·08	NE 3. ENE 2.	61	66	70	Arcs of mixed cloud, very electric with sun at times & brisk wind; a short shower 1 pm, then bright with dappled sky. Warm breeze all night.	64	·02
F. 10.	·01 29·95	NE 3. NE 2.	61	66	70	Lowering & sultry, with distant Thunder, at 9 am: fine & some sun, warm afternoon, much lightning & thunder in E & SE, from 7½ pm till 11 pm. Night afterwards clear.	62	
S. 11.	·93 ·99	NW 2. NW 0 & 1.	56	60	66	Cloudy with sun, much cooler, hazy sky & some dark clouds, but chiefly fair. — Evens clearer, — wind rose during night.	56	
Su. 12. *☉4	·90 30·00	NW 3. NW 2. & 0.	51	60	64	Flying clouds & sun, cool breeze, and some distant showers. Clear evens and calm. —	54	
						Rain carried up		0·53

September 1852.

Sept.	Barometer	Wind.	Thermometer out doors: lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Rain brought up. 0·53
M. 13.	29·98 30·03	W 3. W 1.	51	59	64	Cloudy with sun, & cooler breeze, darker with rain at times between 1 & 4 pm, afterwards fair, calm & hazy evening. New moon 10½ pm. —	54	·07
Tu. 14.	·03 ·05 ·00	NW 1. NW 1.	44	55	62	Clear & heavy dew, very fine & bright, with small cumuli & cool breeze, dappled evens, and the night very hazy with rain at midnight.	53	
W. 15.	29·75 ·53	E 0. SE 1. N 1	48	53	59	Rainy morns, fair from 9 till 1 pm, then black Thunder clouds about, & very heavy rain at 3½ pm, followed by continual hard rain all the evens, & most of night.	53	·15 ·72
Th. 16.	·70 ·88	NW 2. NW 2.	48	55	60	Rain till 5 am, squally morns, sun at times, and a very cool wind, little rain about noon, afterwards bright with small cumuli. Clear & dewy night.	50.	·26 ·03
F. 17.	·98 30·02	NW 1. Var. 0.	40	52	63	Clear & cold morns, day very bright calm, & warm; and a pure golden sunset. Calm & clear evening. — and very dewy night. —	51	
S. 18.	29·90 ·62 ·37	SE 3. SE 3. S 3.	40	59	62 to 66	Clear morns, chilly & much dew, but after 8 am, a great change, warm breeze, and much mixed cloud; continual rain all the afternoon & till 9 pm, close evens, The Thermr 62 in the afternoon, but at 10 pm up to 66: very warm night, and finer after 9 pm. —	64	·47
Su. 19.	·42 ·76	W 2. NW 2. N 2.	57	60	60	Stormy & lowering, rain at times, but after 1 pm fine with scuds and sun. Evening mostly clear, but some rain in the night. —	49	·04
M. 20.	·72 ·61	SW 2. SW 3.	49	60	65	Stormy clouds, wind, & sun, showers at a distance; and a heavy storm here at 7 pm. — Night fine. —	56	·06 ·16
Tu. 21.	·66 30·14	W 5. NW 7. NW 6	51	52	55	Stormy, cold wind, & rain at times, very strong gale all the afternoon, cold & unpleasant with frequent dashes of rain. Evens & night fair. —	49	·09
W. 22.	30·41 ·48	W 1. W 1.	41	53	60	Clear morns; and very fine day, bright till 1 pm, then rather cloudy, and the Evening hazy, and curdled, warmer night than previous.	54	
Th. 23.	·53 ·53	W 1. W 0.	52	58	65	Very fine, and bright till noon, close & hazy afternoon, but calm & warm, and the evening very close, hazy and calm. —	60	
F. 24.	·58 ·51	W 0. SW 0.	46	57	69	Clear morns, much dew, very fine, and bright day, few small clouds, & no wind. Fog came on after sunset, and the night foggy more or less. —	58	

Rain carrd over = 2·58

September 1852.

Sept.	Barometer	Wind	Thermometer out-doors lowest	9 am	highest	Natural Occurrences	Thermometer 8 pm.	Rain brt forward 2·58
Sat. 25	30·39 / ·24	S E, 1. / E, 0	46	59	64	Fog till 8 am, bright & warm from 8½ am. with grey clouds at times, much clearer again after 3 pm, and bright moonlight Eveng.	55	
Su. 26.	·01 / ·00	Var. 0. / NW. 0.	46	54	65	Foggy morng. continued foggy till 10, afterwards bright with electric rocky clouds at a distance, very warm afternoon; calm & dappled evening	55	
M. 27.	·02 / 29·91	E 0. / S E, 1	48	57	63	Foggy morng, close & cloudy till noon bright afternoon, dappled sky, & very close and the Evening sultry with a mottled sky. —	57	
Tu. 28.	·61 / ·30	E 1. / S E 2 / S 4	54	58	61	Overcast & continual hard rain from 3am. Full moon 6¼ am. Continual rain more or less till 3pm, afterwards cleared up till after 6, then a stormy night, lightning in SE. —	57	·88
W. 29.	·26 / ·45	S 4. / SSW 3.	53	59	64½	Squally wind, stormy looking clouds, and distant showers, but bright and warm here. Evening fair, with distant groups of storm cloud. —	54	·13
Th. 30.	·50 / ·70	NW 3. / WNW 5	50	55	59	Bright at times, flying clouds, and cool wind, very boisterous, and some rain at 7 pm. — Night clearer, some hazy clouds & less wind.	53	·03
						rain Total		3·62

Results for September 1852.

Baromr.
- Highest on 24th — 30·58
- Lowest on 29th — 29·26
- range — 1·32
- Mean of month — 30·00

Thermomr.
- Highest on 2nd — 79°
- Lowest, 17 & 18th — 40
- range — 39
- Mean of month — 58·76
- Mean daily range — 14·06

Winds chiefly NW. & SE; rain 3·62 Inches. Fine days 17.

This was a very changeable month with sultry heats at first, and great rains at times; much sickness prevailed, chiefly Diarrhœa, and slight Cholera but Scarlatina still remained in a milder form, yet comparatively few fatal cases of any disease. The Potato crop much blighted, and far inferior to last two years produce. — Corn Harvest was ended generally by the 10th Day, and in most cases about the 4th. —

October 1852.

Oct.	Barometer	Wind	Thermometer out doors lowest	9 am	highest	Natural Occurrences	Thermometer 8 pm.	Rain in Inches & parts.
F. 1.	29·62 / ·65 / ·63	S 1. / SW 3.	45	49	58	Rainy morng till 7, became bright at 9 am, fair & sunny till eveng, but rather hazy with cirri & signs of rain. — Night more lowering. —	50	·12
S. 2.	·40 / ·52	W 2. / W 3.	47	49	57½	Rain from 7 am, till 8 am, then became fine, and chiefly bright with cumuli & fresh breeze. Heavy showers at a distance at 5 pm.	50	·04
Su. 3	·72 / ·91	W 3. / W 1.	45	52	58	Stormy rain 3 am, fine sunny day, cumuli clouds, and drying breeze. Bright Starlight eveng, and fine night.	48	·14
M. 4.	·89 / ·27	S 1. / SSE 5. / S 7.	40	48	56	Hazy till noon, then overcast stormy & wet afternoon; increased rain & high wind from 4 pm till after 9 pm. — Rather finer during night.	56	·66
Tu. 5.	·00 / ·33	SW 6. / W 7. / 5 .. 3	50	55	57½	Strong wind and flying clouds, a very boisterous day, and stormy sky. — Eveng also stormy, and some rain at 9 & 10 pm, afterwards clear. —	50	·05
W. 6.	·64 / ·75	W 1 / NW 1.	43	49	54	Clear at first, but soon very hazy, many clouds, & a little wet, fine & clearer after 2 pm. Clear eveng, but rocky clouds at a distance.	44	
Th. 7.	·77 / ·97	NW 3. / NW 3.	43	46	52	Stormy, little rain & wild sky, in the morng, but very fine & clear from 9 am, bright & cold day, and the night rather frosty. —	43	·07
F. 8.	·96 / ·91	NW 2. / NW 3.	37	43	49	Cold wind, but fine & bright, and very few clouds all day. — Eveng cloudy, but clear after 9 pm. —	40	
S. 9.	30·00 / ·04	NW 3. / NW 1.	35	42	52	Very cold & fine clear morng: bright all day, and less wind, warmer in the afternoon. Evening hazy but fair. —	41	
Su. 10.	·04 / ·05	SW 0. / SW 0.	37	46	53	Foggy more or less, but calm & fine; afternoon very calm, & light cloudiness, but no fog. Evening chiefly cloudy and rather foggy, but the night clearer, and rather frosty.	48	
M. 11.	·12 / ·28	W 0. / NW 2.	38	48	56	Grey clouds, calm & dappled morng, day chiefly fair & bright, a few drops of rain at times, and some dark rocky clouds.	49	
Tu. 12.	·41 / ·47	N 2. / NE 2. / NE 0.	40	49	56	Very fine and chiefly bright, with cumuli clouds, and drying breeze. Evening & night calm, clear, and frosty. Stars bright. —	45	

Rain carrd over. 1·08

October 1852.

Oct.r	Barometer	Wind	Thermometer out-doors: Lowest	9 am	Highest	Natural Occurrences.	Thermometer 8 pm.	Rain. Brot. over 1.08
W. 13.	30.46 .41	NE 1. NE 1.	36	49	55	Very fine, bright sun, & grey clouds, with very little wind; New Moon 7 am. — Cloudy eveng.	46	
Th. 14.	.41 .37	NE 1. NE 2.	45	52	54	Cloudy & close, but fine & nearly calm; continued day of clouds but more wind in the afternoon: and the evening and night clouded. —	49	
F. 15.	.40 .40	E 0. E 2.	48	53	56	Cloudy & calm morng, continued cloudy, but fine, and more wind. Evening and night cloudy & fresh breeze continued.	50	
S. 16.	.37 .35	E 2. E 1.	47	52	54	Lofty grey clouds and drying breeze, very fine, but cool. The Evening very cloudy and wind less. —	47	
Su. 17.	.29 .24	S E 1. S E 1.	46	55	58½	Light clouds at first, but became bright from 10 am — all day, and very pleasant. Evening chiefly starlight, & very little wind. —	46	
M. 18.	.25 .30	NW 1. N 2.	43	52	57	Very fine & bright morng; continued fine but more clouds in the afternoon, and wind rather increased, but the evening and night clear & calm. —	50	
Tu. 19.	.53 .51	Var. 0. SW 1.	40	51	58½	Foggy morng, bright after 9 am, very fine sunny day, evening rather curdled upward, & foggy below, night clearer.	48	
W. 20.	.45 .43	SW 1. SW 1.	42	52	61	Fog & curdled sky, bright after 8 am — very warm & sunny day & chiefly quite clear. Clear evening & calm, light dappled clouds in SW. 8½ pm.	47	
Th. 21.	.14 .05	S 1. S E 0.	40	50	58	Close & hazy morng, little rain at 8 am, afterwards fair, and little sun at times. Eveng hazy and very close. —	50	
F. 22.	29.92 .81	S E 1. S E 2.	49	55	60	Overcast, little rain at 8 & 9 am, afterwards fine, sun at times, & very warm, again thick & rain 2½ pm. — Sultry evening & night. Thin clouds & little wind.	60	.08 .02
S. 23.	.79 .80	SSE 3. SW 1.	58	62	62	Sultry morng, thin clouds & fresh breeze, clearer after 9 am — chiefly hazy & warm, a little wet at times; night clearer and cooler. —	52	.07
Su. 24.	.72 .74	SW 2. SW 1.	47	53	57	Flying showers in the forenoon, but a bright afternoon, with rocky clouds. Evening bright moon-light, but hazy, and the night the same.		.08
M. 25.	.50 .37	N 1. N 4. NW 5.	42	47	49	Continual hard rain from 5 am — all day, and evening, and some part of the night also. — The rivers overflowing the valleys.	46	1.27
						Rain car'd up —		2.60

October 1852.

Oct.r	Barometer	Wind	Thermometer out doors: Lowest	9 am	Highest	Natural Occurrences.	Thermometer 8 pm.	Rain. Brt. up 2.60
T. 26.	29.50 .20 .03	SW 1. S E 5. SSW 6.	40	46	53	Bright at first, but soon hazy, and mottled and sun hid, followed by strong wind & overcast sky from 1 pm; and hard rain after 2 pm and till after 7 pm — then finer & wind ceased.	45	.64
W. 27.	.00 .21	NE 2. NE 2.	37	44	51	Heavy rain 6 am, and at times till 11 am, afterwards fair & some sun; Night showery at times. Full moon 12 pm.	45	.31 .16
Th. 28.	.35 .60	NW 2. NW 3.	44	49	53	Stormy rain and sun between, unpleasant and turbulent sky. Evening and night the same.	46	.10 .08
F. 29.	.78 .80	NW 2. SSW 2. S 2.	39	41	49	Gloomy, overcast & cold, continued so all day. Evening milder and rain from 7 pm till 11 pm: & but little wind.	47	.18
S. 30.	.70 .76	SW 2. SW 1.	43	51	59	Clear morng, and chiefly bright all day, warm and pleasant with loose cumuli. Hazy evening. Rain during night.	51	
Su. 31.	.65 .87	SW 2. WSW 4. SW 2.	50	56	62	Rain early, but a clear morng, and very warm sunny day, with a soft brisk wind. Very mild evening, chiefly clear, and gentle wind. Hazy during night. —	53	.17
						Total rain →		4.24

Results for October 1852.

Barom.r		Thermom.r	
Highest on 19th	30.53	Highest on 23d & 31st	62°
Lowest on 5th & 27th	29.00	Lowest on 9th	35
range	1.53	range	27
Mean of month	29.90	Mean of month	49.38
		Mean daily range	12.58

Rain 4.24 Inches. Fine days 16. Winds chiefly SW & NW. —

This month was dry between the 7th and 22nd, but the beginning and end were unusually wet and stormy; and the temperature of the whole month lower than for many years past at this season. Scarlatina broke out afresh in many districts, and raged much with many fatal cases in situations elevated and considered as healthy: — and the sudden low temperature after the sultry summer caused rheumatic affections, cynanche &c. —

November 1852.

Novr.	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Occurrences.	Thermometer 8 pm.	Rain fallen
M. 1st.	29·92 ·82	S E 1. S 3.	49	51	62½	Hazy morng. rather foggy & lowering all day, but extremely warm for the season, and most so in the eveng & night.	62½	
Tu. 2.	·76 ·62	S 3. S 4. W 2.	58	61	62	Extremely close & lowering morng; dark sultry day, and hard rain from 10 am – throughout the rest of the day, became fine & clearer at 8 pm. – Floods in the valleys. —	56	·78
W. 3.	·76 ·82	W 1 SW 3.	49	52	60	Bright morng, and very fine and sunny till after 2 pm; heavy storm at 3 pm: then again fair. Distant lightning in NW at 5½ pm. —	53	·10
Th. 4.	·99 ·94	SW 0. S 1.	42	45	58	Clear morning, and a warm and sunny day, nearly calm, but became hazy at eve: some rain at night.	47	
F. 5.	·62 ·52	S E 4. SSE 5.	46	54	61	Cloudy, windy, & close, wild & stormy sky, but very warm; became bright at 3 pm, and a clear windy eveng. –	57	·08
S. 6.	·87 ·97	S 1. SW 4. & 6.	44	47	55	Chiefly clear in the morng: flying shower 10 am, again bright & drying till after 2 pm, then hazy & close. –	55	·03
Su. 7.	30·00 ·00	SW 6 SSW 6	49	59	60	Little rain early, close morng, and the whole day lowering & warm, rough wind & rain at times; evening and night finer & less wind.	60	·08 ·10
M 8.	·17 ·14	SW 5. SW 4.	53	60	66½	Cloudy & close morng, became bright at 11 am, extremely warm & summer-like yet windy & light clouds at times. Very warm night & rather less wind.	62	
Tu. 9.	·30 ·21	W 1. NW 1.	52	55	56	Cloudy, and calm, little misling and foggy at times, overcast evening & rain harder for a short time. — Foggy night. —	51	·11
W. 10.	·13 ·11	NW 0. NW 1.	47	49	53½	Fair and sun at times, but hazy and some cumuli. The evening & night hazy below, & much colder.	44	
Th. 11.	29·92 ·55	E 2. ESE 1. E 1.	41	43	52	Overcast & rain from 4 am, in showers till 10 am; and very hard rain all the afternoon, eveng & night. — New moon. 4¾ pm.	52	1·30
F. 12.	·69 ·84	N E 2. E 6	46	47	47	Overcast & rain at times, till 10 am, then a rough drying wind & fine, but cloudy & cold.	42	·13
S. 13.	·67 ·60	ENE 4. E 1.	41	43	46	Cloudy & cold drying wind; less wind after 11 am, but quite clouded & cold. Overcast evening & night. —	42	

Rain card up — 2·71

November 1852.

Novr.	Barometer	Wind.	Thermometer out doors: lowest	8 am	highest	Natural Occurrences.	Thermometer 8 pm.	Rain brot up 2·71
Su. 14.	29·53 ·32	N E 3. E 2. S E 1.	42	43	49	Overcast and rain at times, very dark and disagreeable; evening close & warmer, and a rainy night. —	49	·23
M. 15.	·22 ·18 ·26	S E 1. S 3. SW 2.	46	52	58	Showery morng, and very mild & lowering, frequent rain till noon, afterwards fair & sun at times; eveng at times misling & very close. —	52	·27 ·04
Tu. 16.	·05 ·11	S 3. S 2.	49	52	59	Rain in showers early a m, very warm & damp air, stormy clouds all day, and electric looking: some flying rain, but chiefly sun & very warm; very mild night. —	52	·13 ·05
W. 17.	·27 ·35	SSE 3. S 3.	49	52	57	Warm & windy, but chiefly bright, and drying, hazy streaks & cirri in tufts. Stormy sky at night, & some rain.	48	·03
Th. 18.	·32 ·69	S 2. SW 4. W 5. 3. 2.	45	47	51	Showery rain early a m; but a fine sunny day & colder breezes; evening cold, clear & less wind. Moon bright, and little frosty. —	40	·09
F 19.	·89 ·68	S E 0. S E 1. 2. 3.	35	39	50	Little hoar frost, fair with sun at times till 3½ pm, but more or less hazy, and a little rain before 4 pm. Eveng cloudy & rainy at times. —	50	·05
S. 20.	·66 ·55	S E 1. S E 1.	46	51	54	Foggy & close, rain at times, & almost continual gentle rain all the afternoon, Evening for a while clear moon-light, but soon again overcast, & wet.	50	·32
Su. 21.	·31 ·29	S E 1. S E 1.	47	53	55	Overcast and rain, more or less, and almost continually in the middle of the day; evening finer, but chiefly cloudy. —	52	·14
M. 22.	·22 ·20 ·27	W 3. NW 1. N E 3.	46	47	49	Cloudy more or less, & a little wet at times, but mostly fair. Evening and night fine, and became clear, and frosty. –	45	
Tu. 23.	·60 ·42	NW 0 W 1. Var. 0.	36	37	46	Clear & little frost, but soon hazy & the afternoon very thick and a raw atmosphere, Hazy evening and night. —	40	
W. 24.	·40 ·88	N E 1. N E 2	40	43	50	Fair & partly clear, rocky & raggy clouds, and dry breezes, evening hazy & rather cold, and clearer in the night. —	42	
Th. 25.	30·04 ·08 ·02	Var. 0. S E 0. E 3.	34	34	48	Fog below, clear upward, bright forenoon hazy afternoon, & calm; wind rose from 8 pm, windy night and a little rain at times, afterwards more at midnight.	41	

Rain card over — 4·06

November 1852.

Nov.	Barometer	Wind.	Thermometer out-doors lowest	8 am	highest	Natural Occurrences.	Thermometer 8 pm	Rain brought up 4·06
F. 26.	29·63 ·57	S 6. S 4. SW 2.	41	50	56	Overcast & drifting rain, wind very squally from 9 am – frequent storms of rain, ending with a heavy one at 9½ pm. — **Full moon 7 pm.** —	55	·51 ·23
S. 27.	·74 ·94	SW 2. WSW 2.	41	42	49	Clear morng; and a fine bright day fresh breeze, & cumuli clouds a few only. Clear moon-light evening, and night.	40	
Su. 28.	·78 ·58	SW 3. SW 4. 2. 1.	39	42	51	Clear morng; and mostly sun in the day, but some flying storms at a distance, and a little rain here at 11 am. Cloudy & rainy from 4 pm all the evening. —	43	·06
M. 29.	·61 ·70	N 0. N 2. NW 3.	34	34	44	Hazy morng, rather frosty but bright in the middle of the day, very hazy again after 3 pm: cold evening, more wind and mostly cloudy. —	39	
Tu. 30.	·85 30·01	N 4. N 2.	38	40	46	Blustering & rain at times from 3 am till near 11 am, then finer and some sunshine, with much less wind. Fine moon-light evening & scarcely any wind.	39	·23
						Total rain —		5·09

Results for November 1852.

Barom.		Thermom.	
Highest on 9th —	30·30	Highest on 8th —	66·5
Lowest on 16th —	29·05	Lowest on 25th & 29th	34
range —	1·25	Range —	32·5
Mean of Month	29·69.	Mean of month	48·94!
		Mean daily range	9·55

Prevailing winds S.W. S. S.E. & E: — Fine days 11. Depth of rain 5·09 In!

This month was perhaps the most woful on record, for universal gloom, floods, earthquakes, and unseasonable heat, truly perplexing, and alarming. The rain was so heavy frequent, & general as to produce awful inundations with loss of many sheep, cattle, horses, & some human lives, — in many counties, and on the 9th at 25 mins past 4 am all the NW-coast felt severe shocks of an Earthquake! — The sultry heat of summer prevailed day & night near that time and above a week previous! The cowslip, primrose, and blue violet flowered in the garden all the month! Public health suffered & most so in marshy situations.

December 1852.

Decr.	Barometer	Wind.	Thermometer out-doors lowest	8 am	highest	Natural Occurrences.	Thermometer 8 pm	Rain.
W. 1 st.	30·02 ·05 29·97	S E 0. S 2.	32	32	42	Clear above, fog below, & little frost, hazy afternoon, and cloudy Eveng. little rain from 7 pm, & during night.	41	·08
Th. 2.	·89 ·97	W 2 W 2	40	42	48	Fine morng; and bright after 9 am; chiefly so all day, but many sheets of cirrus clouds; fine night, but rather hazy.	42	
F. 3.	30·11 ·15	SW 1. SW 1.	37	41	46	Bright with light clouds, and ribbed cirrostratus. Evening rather cloudy. — Cloudy night, & little misling.	41	
S. 4.	29·98 ·98	SW 3. SW 4.	41	52	54	Close morng, lowering & rain at times all day, but mild & rather windy. Close night & warm breeze. —	52	·05
Su. 5.	·98 30·01	SW 4. SW 1.	51	53	57	Cloudy & warm breezes, a very mild & close day, less wind after 2 pm. Evening overcast & rain during night. —	51	
M. 6.	29·85 ·88	W 2. W 2.	49	49	53	Rain from 5 to 7 am. became fine & very bright from noon till near sunset, but a very hazy Evening & night.	46	·31
Tu. 7.	·83 ·74	S 1 S 0.	44	45	51	Foggy and dark, more or less so all day, and a little misling in the evening, followed by more rain. —	45	
W. 8.	·45 ·35	SSW 1. SW 2. W 5.	45	49	51	Close & light rain, heavier clouds, and stormy sky with rain at times. Cleared off at 4½ pm. and the Eveng chiefly clear, with Aurora Borealis.	43	·22
Th. 9.	·55 ·75	W 4. W 3. 2. 1.	41	42	49	Clear salmon tinted sunrise; very fine, and bright day, with light clouds. Hazy evening, and cloudy night, close and little showers.	42	
F. 10.	·70 ·67	S 3. S 3.	42	50	54	Rain at 3 am; close morng, very mild day, chiefly fair, & some sun: very close evening and night.	50	·03
S. 11.	·77 ·80	SW 3. S 3.	48	50	56	Flying clouds, warm breeze & sun, continued fair & sunny afternoon. very mild day. **New Moon 3½ am.** Warm & windy evening. —	49	
Su. 12.	·67 ·54	S 4. S 5.	47	51	53	Very red bands of clouds about the East at sunrise, very windy & mild; chiefly sun, but hazy. and became cloudy at 3 pm. Less wind in the night.	50	·03
M. 13.	·67 ·58	S E 1. S 3.	45	50	54	Foggy lowering & misling at times; rather clearer after 3 pm, but a close and overcast night, and rather more wind. —	49	·04

Rain, card over — 0·76

December 1852.

Decr.	Barometer	Wind	Thermometer out doors lowest	8 am	highest	Natural Occurrences	Thermometer at 8 pm.	Rain. Brot. over 0·76
Tu. 14.	29·50 ·48	SSW3 S4.	48	51	56	Close morng, bright from 10 am, till 2 pm, afterwards some raggy clouds, but very mild. Little rain during night.	50	·02 ·03
W. 15.	·17 ·12	S5. SSW4.	44	49	54	Wind and rain from 6 am till 9 am, then bright with a stormy sky. Evening & night mostly clear. —	46	·22
Th. 16.	·48 ·52 ·41	W3. SW2. S5	42	43	50	Clear morng, and very bright till after 2pm, then very hazy, and a Stormy Eveng, strong wind, and rain at times; squally night, lightning & Thunder after 11 pm. —	50	
F. 17.	·22 ·27	SW6. SW3.	45	47	52	Heavy rain at times with hail, sudden gales of wind, with severe Thunder & lightning at 2 am: showery till 4 am, fine and sunny day, but hazy at times. Bright moon eveng. —	46	·25
S. 18.	30·08 ·24 ·39	NW6 NW1. W0.	38	38	47	Gale & rain at 2½ am from NW. clear morng. from 5 am, and bright all day, Hazy eveng, but bright upward and frosty till 9 pm. Cloudy night.	35	·12
Su. 19.	·20 ·14	SW4. SW4.	35	46	50	Cloudy more or less all day, and a blustering wind. Close and mild evening & windy all night. —	50	
M. 20.	29·95 ·84 ·96	S4. SW6. W6.	43	44	57	Cloudy & mild, became bright after 9 am; clouds & sun at times afterwards, more wind, but very warm: the Evening & night clear moon-light, and windy. —	48	
Tu. 21.	30·13 ·08 ·06	WSW2 W2.	44	47	52	Fine, sunny, & drying, so continued all the day; and the evening fine, and a curdled sky. —	46	
W. 22.	29·95 ·84 ·90	Var. 0. NE2 NE2	42	45	46	Overcast fog, & rain, more or less, dark, & unpleasant, murky day. Finer after 3 pm, but cloudy, and more wind. —	38	·27
Th. 23.	·90 ·93	NE1 SE3 SE2	34	35	44	Clear, little frost, bright all day, and cold wind, with light grey clouds. — Eveng cloudy, windy & cold. —	37	
F. 24.	·83 ·87	SE2. SW3.	34	43	53	Cloudy & milder, with a little misling but fine & sunny from 11 am till 4 pm. — Hazy night and wind rising to a gale. — Some stormy rain.	48	·04
S. 25.	·65 ·83	SW7. SW2.	47	55	55	Strong gale from 4 till 9 am, very mild morng, day bright & windy, but less mild. Highest Thermr at 8 am 55, but only 53 in the day. Hazy night. —	45	·03
Su. 26.	·80 ·82 ·77	SW4. S1. SE4.	42	46	50	Hazy & cloudy at first, but soon very bright and fine, and so continued till sun-set. Hazy and windy Evening & night. — Full moon 1 pm. —	43	

Rain card up — 1·74

December 1852.

Decr.	Barometer	Wind	Thermometer out doors lowest	8 am	highest	Natural Occurrences	Thermometer 8 pm.	Rain Brought up — 1·74
M. 27.	29·10 ·47	S8. SW7. 5. 3. 2.	43	54	56	Violent gale at South from 2 till 9 am & flying rain at times; strong wind all day from SW, and clear sky after 11. — Bright moon & less wind at eve. —	44	·07
Tu. 28.	·60 ·81	SW1. SW0.	39	40	46	Hazy but bright, and continued fair, & sunny all day; Clear moon-light evening, and little frosty.	38	
W. 29.	·94 ·78	SE1. SE5.	32	33	49	White frost, and hazy morng, but fair more hazy, windy & cloudy after 1 pm, stormy eveng, little misling, but fine in the night	49	·02
Th. 30.	·87 30·02	S3. SW2.	45	50	54	Fair, & very mild, chiefly bright, with a drying breeze, and the evening clear and yet mild. —	45	
F. 31.	·23 ·19	S1. SSE3.	38	41	50	Clear, very fine and bright all day, but very hazy at sun-set, cloudy and rather windy evening, — and a close night, but chiefly fair.	44	
						Total rain =		1·83

Results for December 1852.

Baromr.	Highest on 18th	30·39	Thermomr.	Highest on 5th & 20th — 57°
	Lowest on 27th	29·10		Lowest on 1st & 29th — 32°
	Range —	1·29		range — 25
	Mean of month	29·78		Mean of Month — 45·54 !
				Mean daily range — 9·67

Fine days 17, rain 1·83 Inch. Winds SW. and S.

This month was the mildest December for 46 years past, with much squally weather and very violent gales at times.
Many flowers in full bloom, and the Aconite opened on 30th!
Much sickness prevailed especially colds & fevers.
It was a perfect contrast to the same period of 1851, and so was the whole year, very different to that throughout.

Summary of the Year of our Lord, 1852.

Monthly Division of Winds.										General Results.				
1852.	E.	W.	N.	S.	SE.	NE.	SW.	NW.	Prevailing currents.	Depth of rain	fine days	Mean range of Therm.	Mean Temp.	Mean Pressure
Jan.	1½	6	0	10	0½	0½	10½	2	SW & S	4·33	16	11·19	41·20	29·72
Feb.	0½	5½	1½	0	2	5	8	6½	SW. NW. W.	1·80	18	11·37	40·60	30·02
Mar.	4½	0½	4	0	5	12½	4	0½	NE.	0·25	27	17·38	41·68	30·202
Apr.	7½	0	0½	2	4½	12	2	1½	NE & E.	0·59	26	20·40	46·53	30·18
May.	2½	2½	5½	1½	2	5	8½	3½	SW. N. NE.	1·96	20	16·90	53·40	30·05
June	0½	4	0	3	4½	0½	13½	4	SW.	4·07	11	14·06	59·41	29·77
July	10	5	0	0	5½	5½	4	1	Easterly	2·79	26	20·36	68·50	30·136
Aug.	1	4½	1½	3½	3	2½	12½	2½	SW. W. & S.	3·47	15	15·25	64·74	29·91
Sep.	2½	4	1	1	7½	2½	2½	9	NW. SE.	3·62	17	14·06	58·76	30·00
Oct.	2	3½	1½	3	3	4	8	6	SW. NW.	4·24	16	12·58	49·38	29·90
Nov.	4	2	2	6	5	1½	6½	3	SW. S. SE.	5·09	11	9·55	48·94	29·69
Dec.	0	4	0	10	3½	1	11½	1	SW. & S.	1·83	17	9·67	46·54	29·78
1852.	36½	41½	17½	40	46	52½	91½	40½	SW & NE.	34·04	220	14·39	51·64	29·946

The distinguishing features of the Year 1852, were its excessively hot July, and its great falls of rain in January, and from June to December at frequent intervals: also for the interval of severe drought from the 22nd of February to the middle of May, accompanied with East wind, and much sickness from Scarlatina proving fatal when combined with Cynanche Maligna and Anasarca among children. (See Report April 1852,) to the writer, a period of sorrow deeply impressed on his mind! The coldest day was the 21st of February, and the hottest the 9th of July, but the 5th was nearly as hot. Lowest Barom Jany 11th 29·02 In., and Oct 5th & 27th 29·00 In.; Highest Barom Feb: 23rd 30·72, and March 6th 30·82! On the 5th & 7th nearly the same!

As observed by Orlando Whistlecraft.

January 1853.

Jany.	Barometer	Wind.	Thermometer out doors: lowest	8 am	highest	Natural Occurrences.	Thermometer at 8 pm.	Depth of rain.
S. 1.	30·15 ·05	SW 3. SW 3	43	48	51	Cloudy, lowering, and mild, more or less so all day; and the evening and night very cloudy and close, but chiefly without rain. —	46	
Su. 2.	29·96 ·92	SW 3. SW 3.	46	50	52	Cloudy and very mild, little misling at times, and at other times a little Sun. Very close & damp eveng & night. —	47	·04
M. 3.	·75 ·94	SW 2. W 1.	46	48	50	Lowering, dark, & misling, but finer and clearer after 2 pm; very bright from 2½ pm to sunset, and clear evening, but changed in the night.	38	·03
Tu. 4.	·76 ·62	S 5. S 6.	37	46	51	Cloudy windy & little wet, dark & more wind after 1 pm. and very squally evening, but less wind after 9 pm. —	46	·03
W. 5.	·73 ·75	SSW 1. SW 1.	40	40	50	Clear morning, and bright till noon, then rather cloudy, and from 3 pm, dark end. little wet. Evening hazy, but the night chiefly clear. —	43	·04
Th. 6.	·81 ·60	SE 0. S 7. SW 4.	36	38	48	Clear & frosty morning, but soon hazy, and at noon cloudy & stormy. Strong gale and rain after 2 pm and till 5 pm. Eveng chiefly clear, and inclined to frost. —	42	·13
F. 7.	·50 ·28	SE 5. S 6. SW 3.	36	44	53	Windy & rainy, dark and unpleasant from 8 am, till 4 pm, and harder rain in the afternoon. Clearer at 4, and a fine evening and night.	43	·21
S. 8.	·58 ·52	S 0. SW 1.	35	37	47½	Little frost & hazy sky, bright all day, with light dappled clouds; Evening rather hazy but little frosty during night.	40	
Su. 9.	·75 ·81	SW 1. SW 2.	34	35	47	Partial frost, bright all day, but blue & strong haze in the afternoon. New moon 4 pm. Evening cloudy. —	41	
M. 10.	·80 ·43	S 2. S 5.	38	40	53	Very foggy, and damp till noon, afterwards thick rain and more wind; so continued till after 8 pm, then fine, and much warmer than the day. —	53	·14
Tu. 11.	·51 ·70	SW 5. 6. W 4.	43	43	48	Clear morng; and bright and windy day more hazy after 3 pm – and stormy evening, hail & driving rain 6 pm, – and a stormy night. Some lightning & thunder 6 pm.	38	·27
W. 12.	·70 ·44	SW 5. SW 7.	38	48	54	Cloudy & windy, very stormy atmosphere but fine till eveng. Dark rainy & squally from 7 pm and a turbulent night, but less wind. —	51	·17
Th. 13.	·47 ·34	SW 3 SW 3.	39	40	49	Chiefly fair & sunny, but a stormy sky, & cloudy after 3 pm, very cloudy evening, but no rain. —	42	

rain carried over – 1·06

January 1853.

Jan^y	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Occurrences	Thermometer 8 pm	Depth of rain 1·06
F. 14.	29·68 -91	W 3. NW 2.	35	35	45	Clear morn^g, very bleak wind, and fine but cold day, Evening in part clear, & less wind, but cold. Night hazy, & a change before midnight.	36	
S. 15.	-57 -42 -50	SE 5. S 6. W 3.	34	43	47	Lowering & rainy till near 1 pm, then a bright afternoon, with flying clouds, & the Evening partially clear & keen wind. Night chiefly clear.	40	·22
Su. 16.	-58 -31	S 1. SE 1.	35	37	43	Bright morn^g, but soon hazy & raw, and a damp, cold, and dark day. Little rain in the Evening.	39	·06
M. 17.	-20 -42	N 3. NW 5. 6.	38	39	44	Cloudy, cold wind, and little wetting at times; more wind after 4 pm, very stormy and lowering. — Heavy storms of rain in the night.	38	·25
Tu. 18.	-82 -98	NW 4. N 2 1. 0.	37	37	44	Cold squally sky, but bright, some distant sleet showers; bright moon evening, and silvery curdled clouds, & little or no wind. Frosty night.	37	
W. 19.	30·07 29·94	Var. 0 S 4.	32	34	49	Hazy but fair & calm at first, misling at 9 to 11 am, Cloudy & close afterwards, but fair and much warmer.	49	
Th. 20.	-64 -82	S 5. SW 4. 2.	45	51	55	Windy, warm, & rainy morn^g, cleared off at 9 am, warm & sunny noon and afternoon. Bright moon even^g, but the night cloudy, — & little wet.	45	·15 ·03
F. 21.	-53 -42	SW 1. W 0.	41	45	50	Foggy morn^g, became bright at 11 am, and a fine sunny afternoon. Evening hazy but partially bright moon light. rain & snow after midnight.	41	
S. 22.	-55 -65	W 3. NW 5. 6	34	35	43	Lowering & cold wind; sun at times, but very cold and distant snow storms some snow early in the morn^g, and during night hail & rain at times. —	37	·04
Su. 23	30·00 -15	NE 6. NE 4.	37	40	44	Heavy storms of rain at 3. 4. & 5 a.m., and heavy squalls at NE. Frequent storms in the day; snow, hail, & rain very thick, and sun at times; finer even^g and night.	37	·26 ·13
M. 24.	-23 -19	NE 1. NE 0.	34½	38	44	Cloudy more or less, little wet at times but fine in the afternoon, Calm even^g and a curdled sky. — A little rain during the night. —	37	·04
Tu. 25.	29·94 -79	NE 0. E 1.	35	37	43	Full moon 5¾ a.m.; Calm & curdled morning, dark clouds hail & sleet at 9 am little rain at 10, then fair & sunny, but cold. Some sleet showers at eve. —	36	·03
W. 26. 505	-77 -78	E 0. E 0.	33	35	42	Cloudy, little snow, and rain at times, raw, cold, dark, and unpleasant. — Night finer, & little frosty.	36	·12 ·04

Rain car^d up 2·43

January 1853.

Jan^y	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Occurrences	Thermometer 8 pm	Rain brought up 2·43
Th. 27.	29·93 -92	NE 0. NE 1.	32	33	42	Cloudy more or less, sleet & snow at times and very gloomy and lowering. Evening & night finer.	36	·04
F. 28.	-88 -91	NE 2. NE 3.	35	40	43	Cloudy and dark, more wind, and drier air, the Evening cloudy as before & a keen wind. Night fine and wind less.	37	
S. 29.	-97 -94	NE 1. NE 0.	37	40	43	Cloudy dark, & overcast all day, continued very thick and cloudy, but fine. The Even^g calm & still clouded. —	39	
Su. 30.	-87 -80	SW 1. SW 3.	35	38	41	Cloudy morn^g, & till near 1 pm, with cold wind. Became very bright after 1 pm and so continued till near 4, afterwards cloudy, and a misling rain from 7 pm. Harder rain at 9 pm. but finer night.	39	·12
M. 31.	30·17 -29	NW 0. NW 0.	32½	34	47	Clear and little frost, quite clear all day, & very little wind. Sun set yellow, little haze, and frosty inclined. Stars bright & freezing 8 pm.	34	
						Total rain		2·59

Results for January 1853.

Barom^r	Highest on 31st	30·29	Thermom^r	Highest on 20th 55°
	Lowest on 17th	29·20		Lowest on 19th & 27th 32
	range	1·09		range 23
	Mean of Month	29·75		Mean of month 42·17
				Mean daily range 10°

Prevailing winds SW & S, fine days 11, depth of rain 2·59 Inches.

This was a very mild, gloomy, and damp month with gales at times, and vegetation went on most of the time. The garden and hedgerows were decked with spring flowers many weeks before time. Snowdrop & aconite, with anemones & primrose, also buds of daffodil. Much sickness in low & damp situations, especially fevers, some typhus, and a few cases of the Small pox. In other places Scarlatina continued as for 12 months past!

February 1853.

Feb.y	Barometer	Wind	Thermometer out doors: lowest	8 a m	highest	Natural Occurrences	Thermometer at 8 pm.	Depth of rain.
Tu. 1st	30·31 ·28	NE 0 NE 0	26½	27	45	Sharp frost, fog, & rime, fine bright day but foggy below. Cloudy after 2 pm Evening clear from 6½ pm.	37	
W. 2.	·21 ·07	E 0. SE 1.	34	37	45	Very fine, grey clouds & sun, calm and more pleasant. Close & dark evening, but fair.	40	
Th. 3.	29·88 ·71	SE 1. SE 2.	36	40	43	Overcast & misting, dark, cold & raw all day, and the evening and night the same, but a little more wind.	37	·05
F. 4.	·67 ·70	NE 2. NE 3.	34	38	41	Cloudy, and dark with cold wind followed by snow at 3 pm. Snowing fast all the Even.g, and part of the night, but much more to Southward.	32	·05
S. 5.	·88 ·95	NE 2. NE 0.	32	34	42	Cloudy with sun at times, fine, but cold, and much haze. – Calm evening and very clouded. Snow all melted.	37	
Su. 6.	·95 ·92	N 0. NW 1. & 0.	36	39	45	Cloudy more or less, clouds lofty, and thin, little sun & no wind, or but little. Even.g very cloudy & no wind.	38	
M. 7.	·64 ·52	SE 0. SSW 2. S 1.	35	36	45	Calm & cloudy all the morn.g, fine day, grey clouds, and more wind; very dark cloudy Evening. –	40	
Tu. 8.	·40 ·27	SE 1. E 3.	35	37	42	Cloudy, and cold, little hail or granular snow at times. New moon 5½ am. Even.g & night cloudy. –	34	
W. 9.	·17 ·14 ·20	ENE 2 NE 3.	33	35	44	Much grey cloud, very keen wind, & sun at times. Evening quite cloudy & some sleet.	37	
Th. 10.	·23 ·38	NE 2. NE 4.	32½	32½	38	Overcast & snow almost continually till noon, and frequent snow all the afternoon and evening, with more wind, but snow melted chiefly.	32	
F. 11.	·47 ·49	N 2. NE 4. 5.	30	31	36½	Frost & sharp wind, ground white with more snow, day bright at times, but after 3 pm continual snow, and increasing all the Evening. –	30	
S. 12.	·52 ·53	NE 2. NE 4.	27	27	34	Very great falls of snow all the past night, & early this morn.g, fine & sunny in the middle of the day, afterwards cloudy & snow at times. Freezing more or less all day. Night cloudy.	29	Snow 16 Inch.s deep.
Su. 13.	·72 ·81	NE 2. NE 1.	27½	28	34	Cloudy, continued frost, snow at times and gleams of sun. Even.g less cloudy and frost sharper from 6 pm. & all night.	27	

Rain car.d up. 0·10

February 1853.

Feb.y	Barometer	Wind.	Thermometer out doors: lowest	8 a m	highest	Natural Occurrences	Thermometer 8 pm.	Rain brought up – 0·10
M. 14.	29·90 ·91	NW 0. NW 0. Var 0. no wind. extreme of sharp frost at midnight.	24	25	38	Sharp frost and grey sky, little sun, more cloudy & milder after 12 noon, but from 4 pm – became clear, and extreme severe frost, clear star light even.g, the Therm.r 4½ pm 30°, at 6 pm 26°; 7 pm 17°; – at ½ past 7 pm 15°; 8 pm 14°; 9 pm 12°. and at 10 pm 10°: rather hazy westwards, but soon after 10 pm, Therm.r 9°! Afterwards rising and sky hazy, but a very severe Night. –	14	
Tu. 15	·85 ·88 ·86	W 1. W 2. SW 2.	9	23	37	Thick & hazy, continued severe frost, but less so since midnight. Bright in the middle of the day, but hazy with haloes & mocksuns. Hazy & thick even.g, but at 5 pm Therm.r 29°. – 6 pm 28°, and continued so till after 8 pm, but lower afterwards lower.	28	
W. 16.	·85 ·87	NW 1. N 2. 1. 0.	23	26	38½	Severe frost, snow at times, and more at a distance. Chiefly bright sun in the afternoon, very keen wind. – Clear evening, & sharp frost. –	27	
Th. 17.	·77 ·71	N 1. NW 3. NW 5.	24	28	39	Sharp frost, & showers of snow; sun at times, but the afternoon overcast & continual snow more or less very heavy drifting snow most of the Evening, and night, with sharp frost.	30	
F. 18.	·50 ·62	N 2. N 1. NE 0. Var. 0.	25	28	34	Sharp frost, and continual heavy snow till noon, and again at 1½ pm in a thick storm mingled with hail: then bright all the afternoon. Even.g clear & calm, with sharper frost. Therm.r 5 pm 29°. 6 pm 25½°; 7 pm 20½°; 8 pm 18°; 9 pm 15½°: fog & rime begun below, & clear upward: ½ past 9 pm Therm.r 13°. excessively severe night.	18	Snow drifted very deep
S. 19.	·63 ·78	Var. 0. NW 0. N 1.	6½	7	33	Clear, excessive sharp frost, no wind, & thick rime on the trees, quite clear all day & no wind, minute particles of Ice falling & sparkling in the sun. Clear sunset & even.g chiefly clear, with continued severity. Therm.r 5 pm 26°, 6 pm 22°; & 8 pm 18°. N.B. – At 9 in the morn.g, Therm.r only risen to 9½°!	18	Thermom.r on the snow 7½ am. 1°.
Su. 20.	·80 ·89	N 2. N 5.	17	23	35	Severe frost but more haze & wind, ever since midnight. Cold piercing wind snow at times; wind frost all night & snow storms.	29	
M. 21.	30·05 ·14	N 4. NW 2.	26	26	39	Clear & keen wind frost, became more cloudy after 12, and snow at times. Even.g rather clearer, and freezing on. –	30	
Tu. 22.	·01 29·94	SW 2. W 1. W 2.	18	22	39	Severe frost & clear till 8 am, then overcast & snow very heavy till noon. Cloudy till after 3, then cleared for a while, but the even.g chiefly cloudy. Frost much less to night. –	34	

Rain car.d over 0·10

February 1853.

Feb.y	Barometer	Wind	Thermometer out doors: lowest	8 a.m.	highest	Natural Occurrences.	Thermometer at 8 pm.	Rain Brot. over 0·10
W. 23.	29·64 ·36 ·43	NW_{2} NW_{6} NNW_{4}	30	34	40	Overcast and foggy morn.g; clearer at noon, but after 2pm overcast and snow at times. Very great storm of snow 5 pm. Full moon 7½ pm. Frequent snow & hard gales all the Evening & sharper frost. And hail-storms during the night. –	28	
Th. 24.	·71 ·77 ·65	NNW_{4} NW_{3} W_{3} WSW_{4}	26	33	39	Sharp wind & chiefly cloudy, more cloudy in the day, and much haze, sleet, and rain in the Even.g from WSW, but it continued to freeze. – Cloudy night some wind & gentle frost. –	33	
F. 25.	·45 ·75	NW_{4} NW_{4} 2.	32	33	39	Frequent heavy falls of snow & hail, very thick and drifting. Sun at times, and keen wind. Finer Even.g & more frost. Much snow during night from SW.	31	
S. 26.	·30 28·94 29·05	SW_{4} W_{5} NW_{7} 5. 3. –	30	33	40	Heavy snow till 6 am from SW, then rain & sleet till 10 am. Finer till noon, afterwards blowing with rain sleet, & snow almost continually. Floods in the vales. – Much snow again during the night.	33	·46 ·07
Su. 27.	·43 ·62	NW_{2} N_{1} N_{1}	31	34	36½	Frequent snow, almost continual, and sometimes very thick & heavy falls, till noon – finer & clearer after 1 pm, Even.g in part clear & sharper frost.	28	
M. 28.	·95 ·91	NW_{0} NW_{2} $SW_{1/2}$	19	23	38	Severe frost, & clear morn.g; bright all the day, and a keen air. Sun set red in an ash-coloured haze. – Even.g clear, & sharp frost. 9 pm Therm.r 22°. –	25	
						Total rain	=	0·63

Results for February 1853.

Barom.r	Highest on 1st – 30·31 Lowest – 26th – 28·94 range – 1·37 Mean of month – 29·72	Thermom.r	Highest 6th & 7th – 45° Lowest 19th – 6°·5! range – 38·5 Mean of month – 33·1! Mean daily range – 12·16.

The depth of Snow here, greater this month, than for many years past! Days of snow 18; rain 2; rain & snow 1; fine days 7: and the depth of rain without melted snow – 0·63 Inch. Winds chiefly NW to N & NE. –

This was a severely cold month, with unusually great falls of Snow. The Public health suffered much, from Pulmonary diseases, and the deaths among the aged were many. The effect of the frost was great on shrubs and kitchen vegetables. The Laurustinus kind partially destroyed, also roses, brocoli & Scotch kale. –

March 1853.

March.	Barometer	Wind	Thermometer out doors: lowest	8 a.m.	highest	Natural Occurrences.	Thermometer at 8 pm.	Rain fallen in Inches & parts.
Tu. 1.	29·75 ·70	S_{1} SSE_{2} S_{0}	21	29	38	Severe frost – soon hazy, overcast & snow continual & fast till 1 pm – afterwards sleety rain at times & rather foggy. – Even.g calm & foggy, but fine, & no frost till after midnight. –	34	·05
W. 2.	·45 ·43	SW_{1} NW_{2} NW_{3}	30	34	40½	Frost & heavy snow from before sun-rise, continual snow from SW till near 9 a.m. Cloudy, thawing, but snow at times. – Storms of hail in the Even.g & freezing again.	33	
Th. 3.	·93 30·10	NE_{2} N_{1}	28	34	40	Frost a.m. – flying storms of hail, but bright at times, very cold wind, but chiefly fine in the afternoon. Storm of snow 6 pm, clear & frosty evening. –	30	
F. 4.	·14 ·10	W_{1} SW_{1}	25	34	42	Very sharp frost in the morn.g, clear till 11, then hazy, cloudy, & thawing, Evening hazy, in part clear, and gentler frost, but passed to thaw during night	35	
S. 5.	29·91 ·86	S_{1} S_{0}	33	39	45½	Thawing fast all day, and thick fog, calm & mild, with little sun. Dark & foggy evening, and night. and thaw continues. –	37	·07
Su. 6.	·97 ·97	S_{1} S_{1}	35	40	50	Continued thaw and fog; clearer from noon hour, bright but hazy, & very mild rapid thaw; close evening very hazy & warm.	44	
M. 7.	30·01 ·07	SW_{0} W_{0} $Var._{0}$	44	49	51	Very close, dark, foggy, and mild, rain at times, and no wind. Clearer at 4¾ pm but the Evening overcast and foggy. – Night fine & foggy. –	45	·25
Tu. 8.	·07 ·04 ·10	SE_{1} SW_{1} $Var._{0}$	41	44	51	Thick fog; clearer after 11 am, some sun at times and very mild, but hazy & many clouds. Even.g calm & curdled sky. –	45	
W. 9.	·23 ·26	SE_{1} SE_{2} SSE_{2}	32	38	49	Little frost & fog, clear after 8, bright sun till after 10, then foggy at times, and the Evening foggy and more wind. night fine but foggy, and less wind. New moon 8¼ pm.	42	
Th. 10.	·26 ·30	SSE_{1} S_{2}	38	43	55	Foggy morn.g, fine sunny day, and warm in the afternoon, but hazy with many light ash-colored clouds. Hazy even.g, & streaked sky. –	43	
F. 11.	·31 ·26	E_{1} E_{2}	35	40	52	Clear till after 7 am. foggy from 7 till 10 afterwards bright and drying till after sunset. Evening and night again foggy, & more wind. –	39	
S. 12.	·14 ·12	E_{2} SE_{1} E_{0}	37	43	54	Foggy till 8 am. fine & bright day, very drying, and the Evening also clear. – Fine star-light night. –	39	
						Rain car.d over }		0·37

March 1853.

March.	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Occurrences	Thermometer in 8 pm	Rain brot over 0·37
Su. 13.	29·95 ·87	SE 2 SE 2	35	44	60	Very bright and in the day, warm drying and pleasant. a fresh breeze, & a few curdled cirrocumuli. Evens closer, and much curdled, & electric looking cloud.	47	
M. 14.	·69 ·63 ·66	S 3 SW 5 W 4	42	46	51	Lowering & rainy at times. fair at noon, afterwards black in S, blowing afternoon, with stormy rain. Hasty storms in the evens. Night finer.	40	·17 ·11
Tu. 15.	·75 ·70	S 1 SE 1	33	41	50	Clear & hoar frost, bright with rocky clouds, till noon. then short showers & hail till 1 pm, afterwards fair, cold with rocky clouds, & some sun.	38	·07
W. 16.	·73 ·78	NE 3 NE 4	34	37	37	Cloudy & keen wind, cloudy all day, and much colder, little sleet & hail, with more wind after 3 pm. Freezing all the night & little small hail at times.	32	
Th. 17	·93 ·98	NE 5 NE 3	28½	30	37	Piercing wind frost, & little snow or sleety hail, clearer and some sun in the middle of the day, but the evening cloudy with snow, & rather less wind.	28	
F. 18.	30·04 ·19	E 3 NE 3	24	29	35	Severe frost, and partly clear in the morns, frequent storms of snow and hail in the day, & sun between, but piercing cold wind. Sharp frosty night & partially clear.	27	
S. 19.	·22 ·17	NW 2 NW 2	24	30	39	Sharp frost in the morng, frequent falls of snow & hail, throughout the day, and sun at times. Night chiefly clear, & sharp frost.	30	
Su. 20.	·14 ·07	NW 2 NW 2 1. 0.	24½	31	42	Sharp frost & clear morng; changeable in the day, & some snow after 3 pm. Fine Evens, nearly calm & hazy with curdled clouds.	32	
M. 21	29·92 ·88	Var. 0 E 1	28	32	43½	Hoar frost, followed by thick fog, afterwards showers of snow, & sun at times: much snow at 5 pm, Evens fair & clearer & gentler frost at night than previous.	32	
Tu. 22.	·97 ·93	N 1 NE 2 1 : 0.	30	34	44	Frost early, bright till noon with very rocky clouds; frequent storms of hail & snow afternoon. Evens hazy, but clear & frost 8 pm.	31	
W. 23.	·94 ·92	NE 4 NE 1	29	33	39	Sharp wind & frequent falls of snow, and hail, very cold, blowing, and stormy and very little sun. Evens cloudy at times.	32	
Th. 24.	·88 ·93	NE 1 NE 1	30	34	39	Morning fine & frost, but after 9 am snow and hail at times, throughout the day, and intervals of sunshine. Sharper frost at evens & night.	29	
Good Friday 25.	·96 30·01	NE 1 NE 2 0.	26	31	39	Sharp frost. Snow at 5 am, and at 10 am and frequent showers of snow all day, with sunny intervals. Clear and frosty Evening.	29	

(Full moon 6¼ am.) Rain carᵈ over 0·72

March 1853.

March.	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Occurrences	Thermometer 8 pm	Rain brot up 0·72
S. 26.	30·05 ·09	N 0 N 1 SE 0	24½	31	44	Sharp frost & clear, bright all day, with small cumuli & keen air, but slight fall of hail westward at 5 pm. Fine & clear Evening. Frosty night.	32½	
Su. 27.	·12 ·08	SW 1 W 2 W 0	27	35	45½	Sharp frost early, but a change after sun-rise, hazy & some sun at times, after 12 more cloudy & gentle rain at intervals & some hail. Clear & calm evening.	37	·05
M. 28.	·21 ·24	NE 1 SE 1	33	39	49	Cloudy with sun, and fine day, very little wind, but milder than of late, and the Evens cloudy, but during night became clear & frosty.	40	
Tu. 29.	·27 ·23	E 1 E 2	29	38	49	Keen frost a m. Very bright all day, and sharp wind. Evening also clear and very keen wind. Clear and frosty night.	33	
W. 30. ☐ 8 4	29·97 ·88	SE 1 SE 2	30½	40	52	Frost early. Very bright all day, and a keen parching wind. Evening nearly calm & some serrated cirrostrati in the SW. Clear night. but a little rain after 12.	39	·02
Th. 31.	·81 ·83 ·73	S 2 SSE 3 S 3	35½	47	60	Hazy & warmer, mixed clouds, pleasant & sunny at 8 am, and chiefly bright & warm all day, with a parching wind. Evening very hazy & rather cloudy.	45	
						Total rain →		0·79

Results for March 1853.

Barom^r		
Highest on 11th	—	30·31
Lowest on 2nd	—	29·43
Range	—	0·88
Mean of Month	—	29·98

Thermom^r		
Highest on 13th & 31st	—	60°
Lowest on 1st	—	21.
Range	—	39
Mean of month	—	38·54
Mean daily range	—	14·72

Rain ·79 of an Inch, Fine days 13. Winds chiefly NE: S; SE; & E.

This was a very cold ungenial month, with frequent falls of Snow, and very few warm days, the 10. 12. 13. & 31st being the only pleasant Spring-like days. Much sickness of many kinds, and very many deaths among aged people, & likewise among young children. Very little progress in fields & gardens, and vegetable life scarcely recovered from the shock consequent on the severe frost!

APRIL 1853.

April.	Barometer	Wind.	Thermometer out doors lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.	Depth of rain.
F. 1st	29·38 ·53	SW5. SW4. 3-2.	44	51	59	Wind & rain at 3 & 4 am; a blowing day but bright & warm till after 3pm then a flying shower & distant Thunder. Evens bright & less wind.	46	·25 ·07
S. 2nd	·68 ·87	WSW4 SW2.	39	49	55	Clear morng, windy day, but fair, with sun and flying clouds: some distant showers after 3pm, a little rain here, afterward fine sunny eveng.—	46	· ·02.
Su. 3rd	·85 ·70	SW3. S5. 3-2.	41	51	53	Squally wind & flying clouds, but fine till noon windy with light rain in the afternoon; eveng finer & less wind.—	47	·06
M. 4.	·74 ·86	W3. W1.	45	51	59	Rain early in the morng, fine warm day, clouds & sun. Hazy, close & very warm eveng, & some rain during night.	52	·18 ·20
Tu. 5.	·85 30·01	W2. W1	49	56	59	Close & warm, but many dark lowering clouds, and curdled upward: became chiefly sunny after 2pm; and a fine sunny Evening with dappled sky.—	49	
W. 6.	·03 29·91	SW2. SW3.	45	59	65½	Flying clouds & bright sun at times, very warm, & a fresh breeze blowing:—more cloudy after 3pm, very close eveng, and a sultry breeze.— Night clearer.—	52	
Th. 7.	·83 ·77	SW5. W6.	47	52	58	Windy & much low cloud till noon, then bright, with more wind in the afternoon. a flying storm of rain from NW at 7pm. Fine & clearer night.	47	·03
F. 8.	·88 30·07	W2. NW3	41	49	54	Clouds & sun, keen drying wind; some distant showers & hail, very cold wind afternoon & eveng. Clear night. New moon at noon.—	40	
S. 9.	·31 ·35	NW3 W2. SW.	34	43	49	Clouds & sun, very cold wind, & a flying storm of hail and rain 11am. finer afternoon & less wind. Eveng hazy.— Rain during the night.	39	·02
Su. 10.	·10 ·22	W2 NW1	38½	50	56	Cloudy with showers early, chiefly fine in the day, many clouds, & sun at times; Evening calm, cloudy & milder.	47	·07
M. 11.	·22 ·15	NW2 NW2	40	50	57	Cloudy with sun at times & drying wind, more cloudy after 1pm, and cooler wind, and the evening and night chiefly cloudy & some wind.	50	
Tu. 12.	·08 ·02	N2. N2.	42	47	53	Cloudy with sun between, and wind become colder in the afternoon, Evening in part clear, & very cold.—	40	
W. 13.	29·93 30·14	NE3 NE5 N2.	36	44	45½	Storms of hail & rain, sun at times, but a rough & cold wind. Evening and night very cold, frosty, and chiefly clear,— but cloudy after midnight, and a cold wind.—	38	·06

Rain carried up → 0·96

APRIL 1853.

April.	Barometer	Wind.	Thermometer out doors lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.	Rain brought up 0·96
Th. 14.	30·07 ·12	N2. N3. 1.	34	44	49	Cloudy & cold, with showers of sleety rain & hail. Very cold blowing day but eveng clear & less wind, yet frosty.	38	·05
F. 15.	·18 ·20	NW2 NW1	34	46	52	Cold & raw, with much cloud, ungenial weather: very cloudy all day, but milder in the Evening, with gentle rain from 7½ pm.—	45	·03
S. 16.	·15 ·17	NW2 NW1	41	52	60	Fine and sunny till after 2pm then cloudy, but fair, till after 7pm, afterwards close & little rain.—	48	·03
Su. 17.	·14 ·12	W2. W2.	44	53	60	Grey clouds and sun, with a fresh breeze more cloudy after 3pm, and a little rain at times, but a few drops only, and the evening & night fine with lighter clouds.—	52	·
M. 18.	·17 ·17	NE0 SE 2.	44	54	64	Very fine, bright and warm, with very light clouds: more wind after 3pm.— Electric strong haze at 5pm, afterwards a foggy evening, & night.	47	
Tu. 19.	·04 29·91	SE2 SW3	43	56	60	Bright & warm till noon, afterwards cloudy, and more wind. Eveng much clouded, & rain at times from 7½ pm during night.	46	·12
W. 20.	·81 ·85	NW4 N3. N0	40	46	53	Clear at first, but cold & cloudy from 8 am, with little flying rain at times, more sun & finer after 2pm, bright & pleasant from 3½ pm. Clear & frosty night.	42	·02
Th. 21.	·72 ·61	SW1 SSE3 E2.	35	46	52	Overcast, little wet in the morng, cloudy more or less all day, & a few drops at times: Evening cloudy & wind to East since 5pm.	44	·02
F. 22.	·54 ·50 ·55	E4. E4. NE5	41	43	46	Overcast & blowing at East, with gentle rain most of the day; rainy and windy evening, and part of the night.—	39	·41
S. 23.	·83 ·93	NE1 W2. WSW1	37	46	52	Cloudy, and cold morng, fine with sun, and grey clouds in the middle of the day Black with a heavy shower at 8pm, night fine & clearer. Full moon 3 pm	42	·13
Su. 24.	·93 ·64	SW2 W2. S1.	37	50	53	Bright morng, but a stormy day, much cloud with showers & some hail: sun at times; Eveng more calm, but damp & stormy looking.—	42	·05
M. 25.	·30 ·22 ·35	NE4 N4. N6.	33	34	40	Hard rain from before 3am, continual rain & snow increasing through the day & till 7½ pm, and wind boisterous. ☞ Very great floods on the valleys, exceeding any ever seen by the present generation in these parts.	40	1·90

Rain carried over — 3·72

April 1853.

April	Barometer	Wind	Thermometer out lowest	Thermometer doors 9 am	Highest	Natural Occurrences.	Thermometer 9 pm	Rain Brot over 3·72
Tu. 26	29·67 / ·84	NW 3. NW 1.	36	43	50	Storms of hail & rain, with sun at times, and very cold wind, less wind at eve, but much cloud & Stormy sky; heavy Storm of hail 9 pm. Night fine.	39	·18
W. 27.	·93 / ·98	W 1. SW 1. S 2.	33½	47	57	Fine, and very bright all day, few small cumuli, and gentle wind; Evening a little hazy, but a fine night.	45	
Th. 28.	·98 / ·94	E 2. E 3. S 2.	36	50	56	Chiefly bright, some mixed clouds, & rather hazy & dappled, with a keen wind; Even^g more hazy and very cold & brisk wind.	41	
F. 29.	·78 / ·70	ENE 4. ENE 3. 2·1.	39	46	50	Cloudy, blowing, very cold, and ungenial, all the day through; began to rain at 4 pm, & rainy Evening; but warmer & less wind, and rain ceased after 10 pm.	44	·18
S. 30.	·75 / ·94	SW 2. S 1. Var. 0	42	50	60	Lowering morn^g, & much cloud till noon, afterwards chiefly bright, and warm. Evening rather hazy. Night very foggy.	47	
						Total rain —		4·08

Results for April 1853.

Barom^r:
- Highest on 9th — 30·35.
- Lowest on 25th — 29·22.
- — Range! — 1·13
- — Mean of month 29·90

Thermom^r:
- Highest on 6th — 65·5
- Lowest on 25th — 33
- range — 32·5
- Mean of Month — 46·8
- Mean daily range — 14·8

Depth of rain 4·08 Inches; Fine days 10. Prevailing winds SW. W. & NW.

Wryneck first piped on 16th: Willow & Horse Chesnut leaf 19th; Cuckoo first heard 20th; Sycamore leaf 30th. This month was cold and very ungenial, and Vegetation more behind than for 16 years past, so much cloud and chilly winds by day, tended to lower the mean temperature, although there were few nights of frost, so that want of sun-shine was the cause of the low temperature & lateness of the season. — Much sickness of many kinds prevailed, and Scarlatina broke out near us at the close of the month, similarly to last Year at this period, many bad cases, & some fatal. The Chimney Swallow was seen from 18th to 23d then no more till 30th. Butterflies scarcely seen all the month. — The flood on 25th was the greatest ever seen here!

May 1853.

May.	Barometer	Wind	Thermometer out lowest	Thermometer doors 9 am	Highest	Natural Occurrences.	Thermometer at 9 pm	Depth of Rain
Su. 1.	30·03 / ·09	SE 3. SE 2.	39	51	64	Foggy morn^g, fair & sunny from 9½ am, very bright & warm afternoon, gentle wind. Even^g very fine & some hazy clouds about horizon.	49	
M. 2.	·07 / ·01	E 3. E 3.	42	52	62	Foggy morn^g, bright and warm day, & parching wind; but more clouded again & very cool after 3 pm. — Cloudy and windy Evening, — little wetting.	46	·01
Tu. 3.	29·94 / ·98	E 2. E 3.	45	54	59	Blue electric haze more or less, mixed clouds & sun, but fine till evening. — More haze after 7 pm, and rain at 9 pm, for ½ an hour. Close night.	50	·07
W. 4.	30·18 / ·28	NE 2. E 3.	47	55	60	Cloudy & warm morn^g, clearer after 10, but a cooler wind, very fine day, grey clouds & sun, but cool breeze. — Very clear Even^g, a bright Mocksun, North of the Sun — 6¼ pm: Clear night.	47	
Th. 5.	·31 / ·25	E 3. E 1.	40	58	63	Very clear, bright all day, hot sun, and cool wind: clear evening, and a golden sunset. less wind, but a change to cold & cloudy after midnight.	47	
F. 6.	·11 / 29·98	N 2. N 3.	39½	48	52	Cloudy & very cold, with brisk wind, a little sun after 4 pm. Cloudy & cold evening, and night.	45	
S. 7.	·76 / ·68	NW 2. NE 2.	40	46	49	Cloudy & very cold, and the afternoon overcast, with hail, rain, & snow till 4 pm. Thermo fell to 37° by 3 pm. Evening fine & cold with few clouds.	37	·18
Su. 8.	·52 / ·72	N 3. N 2. SE 1. SW 3.	33½	46	48	Snow & rain early am. New moon 4 am. Very cold, and frequent heavy falls of Sleet, & large hail with rain, and distant Thunder, little sun at times. — Black in SW. 7 pm. hasty storm, rain & sleet.	39	·27 ·12
M. 9.	·70 / ·59	SE 2. S 5. SW 2.	36	48	52	Lowering & rain at 8 am, squally with rain at times till 4 pm, then fine & some sun, but still cold & ungenial. Night chiefly fair.	42	·13
Tu. 10.	·75 / 30·11	N 3. N 1.	37	47	51	Squally & cold — little flying showers in the forenoon, fine & sun at times afternoon. Evening calm & warmer.	43	·05
W. 11.	·20 / ·13	NW 1. E 1.	35½	50	60	Very fine & bright, with small cumuli, & gentle wind. Evening clear, sun-set red in grey haze, — Night frosty.	47	
Th. 12.	·14 / ·11	NE 2. NE 5.	35	54	59	Clear, but foggy before sun-rise, chiefly sun but a cold wind & after 5 pm — arcs of mottled cloud, and more wind. Cloudy & windy all night, & some fog.	46	

Rain carried over — In. 0·83

MAY 1853.

May.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm	Rain 0·83
F. 13.	30·18 ·21	NE 3. E 2. 1.	44	49	53	Foggy & lowering with thick light rain at times, fine afternoon, less cloudy, and a calm & clearer evening. —	47	·03
S. 14.	·20 ·12	E 3. E 4. 2. 1.	42	56	60	Chiefly bright, with brisk wind, and curdled clouds, warm sun, but keen wind. Brilliant sun-set, & less wind, but more wind all night, & clear. —	49	
Su. 15. Whitsun day.	·02 29·91	E 4. E 4.	44	57	63	Brisk wind, & mostly clear, curdled sheets of thin cloud at times, warm in the sun, but cool breeze. — Rather cloudy & curdled sky all night. —	53	
M. 16.	·86 ·85	E 3. E 2.	50	61	65	Some curdled clouds, but chiefly bright, and warm, with a parching breeze; very distant rocky cloud on SE horizon from 3 to 7 pm. — Sun-set clear & red. —	55	
Tu. 17.	·88 ·90	E 4. E 2.	48	60	64	Very bright and parching, no cloud all day, but a cool boisterous wind; strong grey haze from 4 pm. and sun set red in thick haze.	50	
W. 18.	30·01 ·09	NE 1. NE 0.	46	63	70	Quite clear, very bright & hot, not one cloud, & very little wind: calm & clear evening, except a haze in N.	55	
Th. 19.	·07 ·07	NW 1. NW 0.	45	63	72½	Hazy morng. but soon bright & very hot, with small electric cumuli, and gentle wind. Haze at sun-set, in which the sun set red, and some dark electric fragments of clouds from NW. —	58	
F. 20.	·18 ·23	NE 2. ENE 1.	45	58	65	Light clouds at first, but soon bright and warm with cool breeze in shade. Very clear evening, but a foggy night.	50	
S. 21	·20 ·22	E 2. E 2.	44	61	66½	Very bright and warm, with a fresh breeze, and blue haze at times; dark haze rising from East at ☉set, and little haze all night.	52	
Su. 22.	·23 ·28	NE 2. NE 5.	44	61	66	Clear, and warm sun, but a cool and blustering wind, with some cirri and dappled clouds at times; Evening clear. — Full moon 11 pm; Night fair & clear. —	52	
M. 23.	·24 ·22	NE 2. NE 2.	45	61	68½	Quite clear all day, & very warm, with a parching breeze. Sun set in full lustre. Night hazy.	54	
Tu. 24	·19 ·07	E 2. E 3.	46	64	69	Very clear & hot, with parching wind and strong blue haze. Sun set very red in thick haze. — Fine & closer night.	54	
W. 25.	29·91 ·78	E 2. E 2. 1. 0.	50	66	71	Bright & hot, with many cirri clouds, and a very parching wind; Evening clear, calm, & hot, but hazy below & sun set red. —	59	
						rain carᵈ up —		0·86

MAY 1853.

May.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm	Rain Brot up 0·86
Th. 26.	29·70 ·68 ·73	Var 0. Var 1. SSE 1. SE 1.	47	67	80	Very bright & extremely hot, very little wind, and a few small knotty electric clouds. Heavy thunder-storm 5 miles to the NNE at 5 pm, severe lightning, and violent thunder. — Sultry evening, & sun set very red in blue haze. —	65	
F. 27.	·78 ·84	SE 1. SE 0. Var. 0.	51	71	81	Clear above, haze below, and extremely hot, chiefly bright till 4 pm, & extremely hot, afterwards some dark blue clouds westward and distant thunder in South all the Evening with many very dark clouds. —	67	
S. 28.	·84 ·82	SW 2. W 3. 2. 1.	55	66	72	Hazy & dappled morng; but after 8 very bright till 9, afterwards rocky cumuli & sun at times. Heavy arcs of cloud from West with heavy shower at 6½ pm, afterwards clearer & less wind.	54	·16
Su. 29.	·93 30·01	NW 2. W 1. Var 1.	48	60	64½	Showers at 2½ to 3 am. — Fair & bright morng after ☉ rise; and fine & sunny till noon, Heavy shower with hail & thunder at 1 pm. and at 5 pm — a long & severe thunder-shower, afterwards fine. —	54	·12 ·20 ·30
M. 30.	·10 ·17	Var. 0. E 2. NE 2.	47	61	65	Fine sunny morng, and the whole day very fine & chiefly bright. — Evening rather clouded & hazy. —	55	
Tu. 31.	·14 ·07	N 3. N 5.	50	55	57	Cloudy, lowering, and cool wind, continued more or less cloudy, and very cold by contrast to last week. Evening & night the same as the day. —	52	
						Total rain —		1·64

Results for May 1853.

Baromʳ		Thermomʳ	
Highest on 5ᵗʰ —	30·31	Highest on 27ᵗʰ —	81°
Lowest on 8ᵗʰ —	29·52	Lowest on 8ᵗʰ —	33½
range	0·79	range —	47½
Month's mean —	30·01	Month's mean —	53·42
		Mean daily range —	18·75

Rain 1·64 Inch. Fine days 23: winds chiefly E. and NE.

Vernal Indications. The Yellow & Peacock Butterfly seen on May 1ˢᵗ, and Swallows active. — 18ᵗʰ Poplar leaf. 24ᵗʰ Oak leaf, and Hawthorn flower. 25ᵗʰ Ash leaf, and 26ᵗʰ Elm leaf. The weather was very ungenial till the 13ᵗʰ afterwards bright and seasonable, causing a sudden start and rapid progress in vegetation. Much sickness prevalent, chiefly Cynanche & Scarlatina, with Catarrh, and some cases of Variola. Many deaths among the consumptive, and among the very aged. — Great improvement in the appearance of the Wheat plants, and also with the Spring-sown corn & pulse. —

JUNE 1853.

June.	Barometer	Wind	Thermometer out lowest	Thermometer doors 9 am	Thermometer highest	Natural Occurrences. —	Thermometer 8 pm.	Rain
W. 1.	30·02 ·08	N 3. N 3.	48	55	57½	Cloudy more or less, and very brisk and cool wind: Evening also very cloudy, and cool, rather foggy during the night & little wetting. —	52	
Th. 2.	·15 ·24	NNW 2. N 2.	49	57	64	Cloudy more or less, with some Sun at noon, and small knotty electric cumuli, above the lower clouds;	54	
F. 3.	·28 ·25	N 3. NNE 3.	47	56	60	Grey clouds with sun, and cool breeze; afternoon more cloudy and cooler wind at times. Evening clearer and less wind. —	51	
S. 4.	·14 ·05	NW 2. N 3.	43	57	60	Cloudy with sun, and very cool wind all day; evening more clouded, & a little rain in scattered drops only.	51	
Su. 5.	·02 ·01	NW 1. SW 2. SE 2.	49	56	67	Cloudy morn.g, fine & bright after 9 am with grey clouds at times; Hazy evening & sun set red in dusky haze. Clear & calm night, hazy below.	58	
M. 6.	·04 29·99	SE 0. SE 1.	48	67	75	Quite clear, very bright and hot, with a few small cumuli. Hazy, electric, & much dappled from 4 pm. Sultry Even.g New moon 8 pm: — Fine dewy night.	63	
Tu. 7.	30·07 ·18	W 2. NW 2. Var. 0.	45	62	72	Very bright and hot, after a foggy morning: — bright all day, fresh breeze, and few clouds; sun set deep orange tinted, in ash colored haze. —	62	
W. 8.	·20 ·16	W 0. SSW 1. SE 1.	47	66	79	Very bright, and very hot, with some cumuli in the afternoon; Evening close and hot, hazy below, and very sultry all night.	67	
Th. 9.	·18 ·12	SW 1. SW 1. S 0.	54½	64	70	Hazy & hot morn.g, few drops of rain 7½ am; continued close, and cloudy, with little sun at times; sultry evening, and dark mixed clouds with some sun.	66	
F. 10. ☍ ☉ ♃	·11 ·04	S E 2. S E 2.	55	71	79	Bright with curdled electric sky, extremely hot with gentle wind. Evening bright, cooler wind, & distant Cirrus clouds.	63	
S. 11.	29·95 ·90	S E 1. S E 3.	53	73	80	Bright and excessively hot, with a very parching breeze, & distant rocky thunder-clouds on SE horizon. 4pm. and hazy in S. & SW all the Even.g.	68	
Su. 12.	·87 ·90 ·93	S E 2. E SE 2. Var. 0.	59	71	76	Bright & hot morn.g, distant thunder clouds in the west, subsiding after 10 a.m. Very bright and hot day, & parching breeze. — Even.g quite clear, & golden sun-set.	64	
								0·00

No rain in June to this period. —

JUNE 1853.

June.	Barometer	Wind	Thermometer out lowest	Thermometer doors 9 am	Thermometer highest	Natural Occurrences.	Thermometer 8 pm.	Rain
M. 13.	29·87 ·89	S E 2. S E 3. E 2.	49	69	73	Bright and very hot with dappled sky, & very knotty white electric clouds; more clouded from noon-day, much electric cloud in dark and lumpy forms, & in a dark arc about the South all the Evening. —	59	
Tu. 14.	30·00 ·09	N 1. E SE 1. S E 0. WSW 1.	52	67	72	Cloudy morn.g, became bright at 9, and continued fine, bright, and hot, with some cumuli clouds. Close even.g, with rocky clouds at a distance. Sudden and heavy shower 9 pm & distant thunder & lightning in SW. — Night fine. —	64	0·12
W. 15.	·15 ·14	SW 2. SW 1.	54	70	75	Fine, bright & very hot, till 2pm, then dark clouds & thunder at a distance in S, and SE. — Sultry afternoon & Evening.	65	
Th. 16.	·19 ·19	SW 1. SW 1. S 0.	57	67	75	Cloudy & close morn.g, cleared off after 11am — bright & very hot afternoon; and very little wind; much dappled & electric all the Even.g. Fine night & clearer. Fog after midnight.	66	
F. 17.	·18 ·15	SW 1. SW 1.	56	72	74	Bright and very hot, with cumuli clouds, more clouded from 12 noon, and hot sun at times. Evening sultry with grey clouds, and blue haze. Night rather cloudy. —	68	
S. 18. ☌ ♂ ♄.	·13 ·06	SW 2. SW 3.	55	60	71	Cloudy & lowering till after 1pm, then sunny & hot, with electric cumuli, & fresh breeze. Even.g rather cloudy and less wind: Night close but fine.	64	
Su. 19.	29·92 ·75	SSE 3. S 5. S 1. SW 2.	57	67	70	Much cloud in mixed electric strata, & sultry morn.g; more wind & lowering at noon, and some rain at 1pm. Heavy clouds and little rain at times all the rest of the day, and harder after 7 pm, — so continued till near midnight.	61	Distant thunder ·51
M. 20.	·68 ·70	W 1. Var. 1. E 2. S E 1.	51	60	68	Low clouds, cirri above them, but a bright morn.g, and chiefly bright till 2pm, and rocky clouds; very black at 3 pm, followed by rain at times till 5 pm. Then a fine & calm Evening.	57	Distant thunder ·05
Tu. 21.	·75 ·88	S E 0. E 2. E 1.	48	59	61	Full moon 6 am; Very cloudy & hazy, till 3 pm, a few drops of rain, afterwards sun & large cumuli. Even.g cool but chiefly bright.	54	
W. 22.	·92 ·88	NW 1. N 2.	48	60	65	Cloudy & hazy, rain at noon, and till 3pm: afterwards fair, and chiefly bright, but the night cloudy, more or less from 8 pm. —	61	·11
Th. 23.	·88 ·94	N 3. N 2.	52	61	64	Cloudy but soon clearer, & little sun, lightly cloudy all day, little gleams of sun. Evening quite cloudy. —	59	

Rain carr.d over 0·79

JUNE 1853.

June.	Barometer.	Wind.	Thermometer out doors lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Rain, Brot over 0·79
F. 24.	29·93 ·88 ·90	SW2. W2. NW4. Var. 0. W1.	52	69	78	Fine, bright & very hot morns, sharp Thunder-shower 11am in SE. Flying shower here at 2pm, with lightning & loud thunder & continual Thunder in all points all the afternoon, & a squall of wind at NW. 4 pm. afterwards again fine & calm, but at 8 pm a violent Thunder-storm passed near us to the North. and at 10pm a sharp Thunder storm in part over this place. Vivid lightning all night.	65	·08 ·06
S. 25.	·87 ·78	W2. W1.	60 to 55	62	62	Overcast, rain from 7 am. till 10½ am; cloudy all day, & light rain at intervals. Evening clearer, but rain in the night.	57	·29 ·05
Su. 26.	·72 ·82	W0. W1.	55	60	63	Much rain during past night, chiefly cloudy all day, very little sun, but misling at times. Heavy rain from 10 pm till 11½ pm.	57	·50 ·31
M. 27.	·68 ·72	WSW4. SW5.	56	65	71	Lowering & close morng, light rain at times sultry afternoon, some sun, & brisk gale. Misling & close night.	64	·03 ·02
Tu. 28.	·82 ·84 ·77	SW3. SSW4.	61	66	72	Sultry & lowering, with flying rain in the morng, fine & sun at times after 11 am, flying clouds & brisk wind. Fine evens and night.	66	·02
W. 29.	·78 ·92	SW3. SW4 3.2.1.	58	67	72	Bright morns, & flying clouds, fine sunny day, brisk gale & cumuli. Heavy electric clouds in SW. 8 pm. Showers at a distance.	66	
Th. 30.	·89 ·82	SW2. SW4 3.2.	55	66	71	Many mixed clouds, & sun, heavy shower 1½ pm, & a thunder-storm in NW at 3 pm: and a black cloud with driving storm of wind & rain 5 pm. — Stormy in the Evens at a distance. Fine night. —	61	·15 ·07
						Total rain →		2·37

Results for June 1853.

Baromr.		Thermomr.	
Highest on 3rd	30·28	Highest on 11th	80°
Lowest on 20th & 27th	29·68	Lowest on 4th	43
Range	0·60	Range	37
Mean of Month	29·97	Mean of Month	61·08
		Mean daily range	17·96

Rain 2·37 Inches: Fine days 20: Winds chiefly SW. & SE.

The Cuckoo sang to the month's end! Dog Rose flowered on 9th. Wheat-ears appeared on 14th. The former part of the month was very dry & continued with great heat to the 19th: when the Great conjunction of Saturn & Mars made a striking change to much rain & violent Thunder-storm. so that the Midsummer period of storm was fully according to rule Six awful thunder-storms came over on 24th. A good hay-time before the 19th; and the corn-fields improved by subsequent rain, public health ordinarily good. — {The winds on the last 4 days greatly injured the wheat-crops. —

JULY 1853.

July.	Barometer	Wind.	Thermometer out doors lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Rain.
F. 1st	29·85 ·82 ·88	SW3. SW3. WSW1.	50	63	68	At sun-rise a pure golden sky & splendid orange tint in NE. Many clouds in the day, and flying showers with thunder southward and heavy shower 4 pm, with thunder N & S. — Another Shower 9 pm.	59	·10 ·09
S. 2nd	30·03 ·21	W2. W2.	51	61	65	Grey clouds & sun, chiefly fine, but some darker clouds after 1 pm & a few drops of rain at times. Evening chiefly bright and very pleasant. —	59	·01
Su. 3.	·32 ·30	W1. W1.	49	62	65	Cloudy with sun, and very gentle wind pleasant day, and the Evening clearer and comparatively warmer, with dappled sky.	62	Cuckoo sang 3 am!
M. 4.	·28 ·21	WSW2 SW2.	56	67	74	Bright & hot, with mixed clouds, and a fresh breeze, rather hazy in the afternoon, and cloudy & hazy Evening.	66	Cuckoo still sings!
Tu. 5.	·12 ·08	SW1. SW2.	58½	68	74	Close morng, & hazy till noon, afterwards hot & clear, with small electric clouds; Evening bright & curdled trains of white cloud. — Sultry breezes all night.	68	Cuckoo sang again.
W. 6.	·08 ·05	SW2. SW3. SW1.	59	70	78	New moon 11 am. Hot & sultry morns much dappled, & thin clouds in under current with many mixed electric clouds but very hot & chiefly sun. Some showers of rain passing NW, & N at 8 pm. 7 miles distant, but fine here, and very sultry night.	70	secured all the clover.
Th. 7.	·08 ·04	SW1. SSW1. SSE1. S0.	64	73	81	Light clouds & very hot sultry morng: the whole day extremely hot and oppressive mixed clouds, haze, & sun; at 4 pm, much electric cloud in dark undulations, which lay in NW with Thunder all the Evens, & excessively sultry air. Severe lightning all night from South & loud Thunder after 12.	71	Stacked the clover.
F. 8.	·07 ·20	NE1. E1. E2.	62	69	72	Very severe lightning & sharp Thunder till after 2 am, with some rain. Sultry morning & thunder in South after 8. Cloudy & close day, very sultry. Evens cloudy & cooler.	63	·17
S. 9.	·12 ·10 ·14 ·08	E3. SE1. NE2. SE1.	58	63	65½	Much Thunder South & East from 5 am, overcast & rain at 6 am, lightning close by, and at 7 am, a violent storm of heavy rain, awful blazing lightning, and crashing thunder, during which the Rectory House was struck, and a chimney much injured; frequent hard rain & thunder till 8 am, afterwards cloudy and rain at times, Evens fair & some sun, clear night till after 12.	64	·57 ·15
Su. 10.	29·98 30·10	SW1. W2. WNW1.	58	64	67	Hard rain from 4 to 6 am, then fair till 1 pm with much cloud at times; a short shower 1½ pm, blue haze & dark clouds with misling rain from 3 pm. — Evens fine, but cloudy. —	63	·32 ·04
M. 11.	·13 ·11	W2. SW2 1.	55	64	70	Cloudy with sun, and warm atmosphere but a little misling at times; Bright Evens a screen of dappled cloud in West.	65	·01

Rain card over — 1·46

JULY 1853.

July.	Barometer	Wind.	Thermometer out doors. Lowest	9 a.m.	Highest	Natural Occurrences.	Thermometer 8 pm.	Rain. 1·46
Tu. 12.	30·15 ·13	W 1. W 0. S 0.	56	66	71	Bright with rocky clouds, and little wind. fine summer day. Evens clear and pure golden sunset, but some electric signs about. —	66	
W. 13.	·04 29·77	SSE 1. SE 2. E 3.	53	67	71	Hazy, but chiefly bright till 1 pm, then hazy, dappled & electric. Cloudy evening, black in ESE, followed by continued heavy rain from 9 pm, & more or less all night. Thunder Eastward just before it rained.	62	
Th. 14.	·32 ·39 ·37	SSW 5. S 5. S 2.	56	60	61	Exceedingly heavy rain all the morns, wind from ESE to SSW, and galy; finer a short time at 8 am, afterwards continual heavy stormy rain till 4 pm, afterwards more fair, but much cloud. Fine & clearer night. — Floods in the valleys. —	58	1·18 1·02
F. 15.	·47 ·62	SW 3. SW 3.	54	63	70	Flying clouds & sun, warm & pleasant, but hazy & thunder distant in South at 3 & 4 pm; Evens cloudy and rather windy, — night fine. —	63	
S. 16.	·80 ·75	SW 3. S 4. S 2.	53	63	64	Fine bright morns but soon rather cloudy. Flying shower 9½ am; and frequent drifting showers after 12; clouds very rocky. Evens bright but cool. —	58	·23
Su. 17.	·94 30·05	SW 3. W 3. W 1.	55	65	71	Fair. bright sun, & flying clouds, distant showers in NW, and at 4 pm nearer with thunder, Bright evens, — and fine night. —	62	
M. 18	·07 29·94	SW 2. S 3. SW 2.	53	65	66	Bright morng, clouds flying, followed by showery rain at 2 pm, and after, very black thunder-clouds NW at 4½ pm and in South all the Evens, with some rain here. Night finer. —	58	·11 ·07 ·05
Tu. 19	30·01 ·08	W 1. W 1. Var. 0.	55	65	68	Much cloud in electric groups, but fine till 1 pm. afterwards black with heavy thunder showers; and so continued till after 5pm. — Evening fine, but hazy.	61	·30
W. 20.	·12 ·03	W 1. SW 2. SSW 1.	54	66	71	Very bright morng; and a fine sunny day, with some cumuli clouds, more hazy in the Evening and many cirriform clouds. Full moon 2 pm.	64	
Th. 21.	29·98 ·94	SW 2. SW 2.	58	62	69	Cloudy close morng. little light rain between 9 and 11 am, fine afternoon, light clouds, & sun. Close evening and night, little misling.	65	·03
F. 22.	·88 ·91	S 3. S 3.	60	65	68	Misling close morng; fair with thinner clouds from 9 till 12; dark cloudy afternoon, little wet at times; close and misling evening. — Night finer. —	64	·03
S. 23	30·07 ·11 ·10	W 1. SW 1. S 2.	53	65	75	Bright morng; and a fine hot day, chiefly sun, and cumuli clouds. Hazy & dappled Evens, night cloudy but fine. —	65	

Rain Car^d up — 4·48

JULY 1853.

July.	Barometer	Wind	Thermometer out doors. Lowest	9 a.m.	Highest	Natural Occurrences.	Thermometer 8 pm.	Rain. 4·48
Su. 24.	30·00 29·90	SSE 2. SSE 3. S 3.	56	64	70	Hazy & electric morns, clearer after 11, chiefly sun, and arcs of dappled cloud, again hazy and cloudy after 3 pm; Close evening and more or less cloudy. Short shower at 8½ pm	66	·02
M. 25.	·92 ·96	SW 2. WSW 2.	57	66	72	Bright morns, with light scuds, and a fine hot sunny day, with cumuli clouds, fine evens, chiefly bright, and strong yellow reflection of light on West horizon before sun-set. Fine & cloudy night.	64	
Tu. 26.	·92 30·00	SW 4. SW 4.	56	64	70	Windy & cloudy morns, trifling showers flying over at noon and after, but chiefly fair & sunny. Fine evens & night. —	64	·03
W. 27.	·08 ·06	SW 2. SW 0.	57	66	72	Dappled arcs of cloud from W to E, very fine warm & pleasant with sun, & light clouds, and calm sultry evens, hazy & much dappled. Close & hazy night.	67	
Th. 28.	29·90 ·99	E 0. Var. 0. NW 2. 1. 0.	60	64	67	Rain from 4½ am. Thunder & lightning at a little distance in S & SE: — became finer at 10½ am. but frequent misling afterwards, & very little sun; Evens fine & rather clearer.	60	·37 ·08
F. 29.	30·03 29·97	WSW 2. SW 2.	55	66	72	Fine, bright morns, light curdled clouds, and very fine, warm, & sunny day, but more clouds in the afternoon; and a cloudy stormy looking sky all the Evens.	64	
S. 30.	·84 ·94	W 3. W 4.	59	65	70	Rain at 5 am. fine & sunny with rocky cumuli, & pale sky till 1 pm, then distant showers & some thunder NW — afterwards bright & windy.	61	·04
Su. 31.	30·04 ·08	W 3. W 3.	54	62	67	Clouds with sun, & cool breeze: fine day brisk wind & sun, with much cloud. — Cloudy windy evening, and much of the plane cirrostratus. —	64	

Total rain — 5·02

Results for July 1853.

Barom^r	Highest on 3rd	30·32
	Lowest on 14th	29·32
	Range	1·00
	Mean of Month	29·99
Thermom^r	Highest on 7th	81°
	Lowest on 3rd	49°
	range	32°
	Mean of Month	62·88
	Mean daily range	13·83

Prevailing Wind SW. Fine days 18. Rain 5·02 Inches. —

This was a very rainy and electric month, but on the whole of a seasonable temperature. Not much sickness in these parts. The hay-crop heavy, but not well got up, except in a few cases. — The wheat partially blighted, and the Potatoes extensively diseased. —

August 1853.

Augt.	Barometer	Wind.	Thermometer out doors lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm	Rain
M. 1.	30·04 29·96	SW 2. SW 3.	61	67	76	Close morng, light rain at times, became fair after 10 am, bright afternoon, & very hot, with finely dappled sky, electric & curdled. A dark Arc of cloud rising in SSE from 4 pm. Cloudy evens, little rain. Very distant thunder.	66	·08 ·03
Tu. 2.	30·00 ·14	W 1. Var. 0. SE 1.	59	66	74	Fine sunny morng; and a fine hot day, pale grey sky, cumuli, and sun; calm evens; and curdled sky. Clear night and no wind. —	63	
W. 3.	·16 ·14	E 0. SE 1. SE 0.	56	69	74	Calm & curdled morng; very fine, hot day, chiefly sun, and light clouds; calm & lovely evens, rosy sunset, and rather curdled. —	63	
Th. 4.	·17 ·19	Var. 0. NE 1. NE 0.	54	67	72	Fine calm & balmy morns, fog at 6½ to 7 am — afterwards hot & clear; with cooler breeze. Evens calm, & sun set red in grey haze. New moon at midnight.	63	
F. 5.	·24 ·29	NW 0. E 1. E 0.	54	65	70	Calm & curdled morng; very fine & warm day, hot sun, with much dark cloud; calm & brighter evening. Cool & clear night & no wind.	62	
S. 6.	·35 ·34	Var. 0. NE 1. 0. —	48	62	70	Calm with grey lofty clouds, continued very fine & very little wind, much cloud, but hot sun at times; Calm evens, and much mist on the valleys.	64	
Su. 7.	·31 ·32	NW 2. NW 0.	54	64	68	Fog early, very fine day, cool breeze & hot sun, with fleecy clouds; calm evening with cirri & dappled sky: warm, and pleasant.	63	
M. 8.	·32 ·34	NE 1. NE 0.	55	65	71	Very fine, with grey light clouds, and hot sun, clear & calm evens, pure rosy sunset. — Clear & cool night. —	63	
Tu. 9.	·38 ·43	N 0. ESE 1. NE 1. E 0.	48	64	72	Calm, very fine, bright & hot sun, with a gentle breeze, and cumuli clouds; calm & clear evens, Sun set red in a dusky grey haze. —	62	
W. 10.	·48 ·46	E 2. E 2.	50	66	73	Clear morng, and bright and hot day fresh breeze & cumuli clouds. Evening very clear, and pure golden sunset.	62	
Th. 11.	·43 ·36	S 0. NE 1.	50	69	75	Quite clear, very bright, & very hot day, with cumuli clouds, evening rather hazy, & some cirri: very red sunset.	63	
F. 12.	·35 ·33	NE 1. NE 2.	53	64	68	Light clouds, more cloudy & few drops 9 am, cloudy more or less the rest of the day, but very fine & sun at times. Evens cloudy.	61	
S. 13.	·32 ·30	NE 2. NE 2.	53	63	66	Cloudy, more or less, but very fine, with sun at times, and a cool breeze. Evening chiefly cloudy, but the night fine. —	60	
						Total rain —		0·11

very fine weather for harvest these 13 days. — Harvest began about the 9th.

August 1853.

Augt.	Barometer	Wind.	Thermometer out doors lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm	Rain
								0·11
Su. 14.	30·21 ·16	NE 2. ENE 1. NE 0.	54	63	66	Cloudy with sun, very fine & pleasant. the upper current moving from South, & dappled above the lower clouds, Evening and night cloudy and close. —	58	
M. 15.	·12 ·12	NW 1. NW 1. 0.	55	63	64½	Cloudy, more or less, and sun at times, but a very little rain a few times; Evening cloudy and calm. —	60	·01
Tu. 16.	·00 29·76	SE 1. SE 2. E 2. SSE 3.	55	62	67	Close, cloudy, & calm; some dark clouds, & little flying showers, with gleams of sun; steady rain from 6 pm — increasing much all the evens, and became heavy till midnight, with more wind & veering to South. —	59	·78
W. 17.	·60 ·83	SW 3. W 2. N 3.	57	61	64	Cloudy, little showers at times, & some sun, wind veered about after 1 pm, many clouds but a fine evening. Clear & chilly night.	57	·04
Th. 18.	30·03 ·08	W 1. W 2. SW 2.	47	62	69	Clear morng, very fine & warm day, chiefly sun, with light curdled clouds; evening more curdled, and rather electric. Close night and less wind. — Full moon 11 pm. —	61	
F. 19.	·04 ·00	SSE 1. S 1. S 0.	55	70	74	Sultry morng, and much dappled, bright and very hot from 8 am; with much curdled electric cloud; very sultry evening and night, dark mottled clouds.	69	
S. 20.	29·97 30·02	S 2. SW 3 W 0. —	63½	70	77	Heavy rain from 1 am, till 5 am, in sudden fits, and very hot & close. Cloudy morng but very fine & bright after 11, very hot all the afternoon. Distant thunder westward. — Clear evening, — and fine night.	68	·57
Su. 21.	·12 ·09	SW 2. SW 1. S 0.	58	68	74	Bright morng, and the day very hot, and chiefly bright; with cumuli, and blue haze. — Calm bright & hot Evening rather dappled & hazy. — Very sultry night.	67	
M. 22.	·02 ·02	S 0. NW 1. E 1.	60	68	73	Hazy, cloudy, & sultry morng; soon bright, & very hot, but much mixed electric cloud in the afternoon, and the evens hazy, close, & mottled dusk sky. — Cloudy & rain in the night. —	65	
Tu. 23.	29·90 ·90	NE 1. NE 1. Var. 0.	56	61	63	Rain from 2 am, more or less till after 9 am then fair but cloudy till after 2 pm. afterwards rain very gentle at times till 4 pm Fine, calm & hazy evens. Mist on the vales.	60	·64 ·07
W. 24.	·96 ·88	Var. 0. E 1. E 0.	49	62	67	Fog early, soon bright & continued so till 11, then hazy & cloudy at times. Evening calm and hazy, but Stars bright upward. —	60	
Th. 25.	·90 ·80	SSW 1. S 3. SSE 5.	49	63	70	Foggy, but bright, and chiefly sunny & hot till after 12; hazy afternoon, wind & much cloud, followed by rain during night, and squally wind.	61	

Rain card over — 2·22

August 1853.

Augt.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm	Rain. Brot forward 2·22
F. 26.	29·51 ·32	S 5. S 6. SSW 3.	59	65	67½	Squalls of wind & rain from 1 am till 4, then fine, but very galy, with flying clouds and sun; but after 11 am - flying storms of rain & heavy gale; sun at times. The night cloudy & windy, with light showers.	61	·30 ·18 ·05
S. 27.	·40 ·58	SW 3. SW 6. SW 4.	55	61	65	Clear & windy morng; but many dark low clouds followed, very blowing day, sun at times, and many dark clouds, & distant rains; - clear & windy Eveng. —	58	
Su. 28.	·70 ·88	WSW 4 W 5. W 2	51	62	67	Windy with bright sun till after 1 pm then a flying shower, and another at ¼ before 4 pm. Evening fair & chiefly clear. -	57	·06
M. 29.	·93 30·00	SW 2. SW 1.	49	59	66	Fine but hazy & dappled till 2 pm, afterwards bright with cumuli clouds, Closer eveng, dark & knotty electric clouds; A short heavy shower 9 pm. —	60	·09
Tu. 30.	·09 ·05	SW 2. WSW 1	50	62	68	Fog at 6 am, bright from 7 till noon, but many rocky cumuli; some heavier rocky clouds & little shower 2½ pm -, then fair & bright. Evening cloudy.	62	·02
W. 31.	29·98 ·98	SW 2. SW 3. 2. 1.	53	62	67	Bright morng, and very fine sunny day except a little shower at 4 pm. Some dark clouds at sunset, & less wind. Close night, & very hazy. —	60	·02
						Total rain —		2·94

Results for August 1853.

Barom.	Highest on 10th - 30·48 Lowest on 26th - 29·32 range - 1·16 Mean of month - 30·06	Thermom.	Highest on 20th 77°. Lowest on 18th 47 range — 30 Mean of month 61·75 Mean daily range - 15·72

Prevailing winds NE. & SW; Rain 2·94 Inches: Fine days 20.

The first 15 days of this month were very fine and harvest commenced about the 8th day, but from the 16th the weather was unsettled with frequent rain. The Wheat crop was rather light in bulk, but free from mildew & less defective in the ear, than it appeared in previous month. The sample was sound & much of it fairly got up. - Barley & Oats - a fair crop; but peas and beans partial. - Public health suffered but little during the month, — in the rural districts.

September 1853.

Septr.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural Occurrences. —	Thermometer 8 pm	Fall of rain
Th. 1.	29·95 ·82	S E 2 S 2. S 2.	54	60	67	Morng overcast & light rain, misling thick till 10 am, then bright till after 12; some dark clouds & thunder in SSW at 1¼ pm, followed by rain, & at times heavy till 5 pm. Quick lightning all the Eveng in W. & WSW. & stormy sky. —	62	·37
F. 2.	·79 ·95	W 2. N 2. 3. 4.	55	57	60	Overcast & misling at times, finer about noon, but after 3 pm dark, rainy, and cold. Much rain all the eveng & night, with squalls of wind. Valleys flooded. -	55	·63
S. 3.	30·08 ·28	NW 4. NW 3.	49	53	59	Cloudy, and cold wind. New moon 11¾ am. Chiefly cloudy with little flying rain at times, but much warmer in the Evening & night.	57	·74
Su. 4.	·41 ·49	NW 2. NNE 2.	57	61	64	Cloudy, but very warm morng, sun at times till 11, afterwards cloudy & cooler again continued, so more or less all the day, and evening. —	56	
M. 5.	·49 ·51	NNE 1 NE 2. NE 2.	53	63	67	Bright morng, and chiefly so all day, with rocky cumuli & cirri. Stormy sky in red masses of cloud in the Evening & strong rainbow. - Fine night. —	57	
Tu. 6.	·45 ·41	NE 3. NE 3. NE 4.	52	63	67	Low clouds & little wetting at 7 am, bright sun & flying clouds during the day, and a little scattering of rain a few times, from large loose cumulostrati. Cloudy eveng but fine. —	57	·01
W. 7.	·26 ·18	N 2. N 3.	54	58	60	Cloudy more or less all day, very little sun, and cool wind, but very fine & drying. - Evening clouded & warmer.	57	
Th. 8.	·09 ·05 ·08	N 2. NNW 1. NW 0.	54	59	61	Cloudy & lowering morng, chiefly cloudy in the day, little sun & less wind. Eveng calm & more sun, with dappled sky. - Hazy & close night. —	57	
F. 9.	·03 29·99	SW 0. S E 1.	53	59	64½	Very close calm & hazy morng; warm & fine day, but many clouds & electric sky, sun at times: close night, and black mottled clouds.	59	
S. 10.	·90 ·99	S E 2. S E 0.	57	64	68	Hazy and dappled, became bright & very warm, with electric clouds; hazy and close evening with mottled clouds. - Clearer night after 11 pm. —	61	
Su. 11.	30·08 ·16	Var. 0. S E 1. S E 1.	51	65	73	Quite clear, very bright and hot day, with small cumuli. Very bright eveng, and deep red rays diverging from the Sun after setting: bands of dappled cloud on horizon. -	62	
M. 12.	·18 ·19 ·15	S E 1. S E 2.	53	66	74	Bands of dappled red & gold cloud across the East at sun-rise, and arcs of rosy tint also westward: bright & very hot day, much dappled & electric, and a very close evening & night. —	62	

Rain card over — 1·15

September 1853.

Sept.	Barometer	Wind	Thermometer out-doors lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm	Rain 1·15
Tu. 13.	30·05 ·24	S ½. W 2. NW 2. Var 0.	58	63	64	Rosy dappled sky, & sultry morng, but soon overcast with change of wind & cooler followed by rain at noon, but after 2pm fair & clearer, and the Evening quite clear, with mist on the vales.	55	·08
W. 14.	·20 ·12	Var. 0. NE ½ SE ½.	44	58	66	Clear morng, heavy dew: very bright day hot sun, & very little wind, with cumuli clouds, but a thick haziness & dappled - close evening, and night.	58	
Th. 15.	·15 ·12	NE 1. NE 1.	53	61	63½	Hazy & close morng. Warm & sun forenoon, cloudy afternoon & a few drops of rain at times: overcast evening and little rain.	58	·02
F. 16.	·10 ·12	NE 1. E 2.	57	63	68	Hazy & dappled morng, little wetting from low scuds; fine & some sun after 11am, afternoon very bright and hot, and the evening close and hazy.	61	·01
S. 17.	·15 ·22	Var. 0. NE 1. NE 0	55	64	72	Little fog below, dappled upward, sun gleamg. Full moon 10 am; bright and very hot day, and clear eveng, pure golden sunset. – Clear night, but mist below.	63	
Su. 18.	·28 ·31	Var. 0. NW ½ NW 1.	49	59	67	Fog till 7 am, somewhat hazy in the forenoon, but bright, and the afternoon chiefly sunny & warm, with grey haze at times, very rosy curdled sky at sunset. Hazy evening. –	58	
M. 19.	·37 ·28	W 1. WSW 2	47	60	70	Quite clear, very bright & cloudless day fresh breeze, but very warm sun; Eveng clear, & golden sunset. –	62	
Tu. 20.	·19 ·14	SW 1. W 2. 1. 0:	50	59	67	Very fine, bright, and warm, with some light clouds & gentle wind. – Clear golden sunset. Eveng foggy below, clear upward. –	56	
W. 21.	·06 ·03	SW 0. SW 1. 0.	45	57	67	Foggy morning, became sunny after 9am; bright & warm day, with light clouds. Evening foggy after sunset, – but clear at 10pm. –	57	
Th. 22.	29·98 ·91	SW 1. SW 4.	48	57	67	Haze & light grey clouds, bright about noon, & wind gusty; afterwards clouds & sun, with brisk wind. – Eveng clear but streaks of haze upward.	60	
F. 23. *☉♃	·86 ·85	W 1. W 2.	55	55	60	Rain early & till 7 am, cloudy till 1 pm, then clearer, some sun, and hazy cirrostrati. Very red evening but chiefly clear. –	54	·15
S. 24. △☉♄ *♃♄	·82 ·87	SW 2. W 3.	45	55	60	Clear & cool morng, bright till noon with cumuli clouds, hazy & cloudy afternoon, little rain at times. – Eveng in part clear, lightning Eastward, & cold night.	47	·01

Rain carᵈ up 1·42

September 1853.

Sept.	Barometer	Wind	Thermometer out doors lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm	Rain 1·42
Su. 25.	29·60 ·10	SSE 3 SW 5. W 8. W 8.	42	52	63	Stormy & rainy morng, very windy with rain till 11am. Fine afternoon, and became bright after 3 with squally wind. Violent storm of wind all the night, from West, and perfect hurricane at 10 & 11pm. Nearly the same at midnight. –	54	·21
M. 26.	·40 ·96	W 8. NW 7. NW 4.	45	52	57	Continued hurricane with rain at times till about 5 am, afterwards fair, strong wind but slowly abating all day, and mostly bright. Fine eveng, chiefly clear, & wind much abated. –	49	·26
Tu. 27.	30·00 ·02	SW 1. SW 1.	41	49	59½	Fine serene morng; hazy and cloudy forenoon, fine & clearer afternoon, more lowering at 4½pm, and a little misling. Close evening & mostly clouded, but fair, –	56	
W. 28.	29·97 ·92	SW 3. SW 4.	52	60	67	Warm breeze & scuds with sun, very fine but windy, curdled upward, sun chiefly bright & some low scuds: fine & sultry evening.	62	
Th. 29.	·99 30·07 ·01	SW 3. WSW 4. 3 - 2.	55	59	60	Warm & windy, thin clouds & sun, but after 10 am, much cooler & very thick hazy sky; the Thermr down to 55° at 3 pm! very lowering & few drops of rain during eveng, & more at 8 pm.	53	·04
F. 30.	·02 ·10	WSW 3 W 3. W 0.	48	55	59	Bright, with much cirrus & cumuli clouds. very fine day, chiefly sun, & hazy dappled clouds. Red sunset & calm. Several small meteors falling at 8 pm. – Total rain →	49	1·93

Results for September 1853.

Baromr	Highest on 5th	30·51	Thermomr	Highest on 12th	74°
	Lowest on 25th	29·10		Lowest on 27th	41°
	range	1·41		Range	33
	Mean of month	30·07		Mean of month	57·87
				Mean daily range	13·68

Rain 1·93 Inches. Fine days 22; Winds chiefly from SW to NW.

This month was very changeable, but on the whole, it proved about its usual average, in temperature and density. – In the rural districts, little sickness prevailed, but some towns suffered much from Diarrhœa, & Cholera. – Some parts of the Metropolis, especially Southwark – had many deaths; but in Newcastle & Gateshead – the rage of the Cholera was awful, even so that in about 5 weeks above 1800 deaths from it, were registered, beginning near the close of previous month!

October 1853.

Oct^r.	Barometer	Wind.	Thermometer out doors lowest	9 am.	highest	Natural Occurrences.	Thermometer 8 pm.	Rain
S. 1st	29·78 ·68 ·74	W 0. W 4.	46	51	58	Overcast & rain from 5 am till 8 am, then bright with much flying cloud in different forms; a short shower of hail & rain about 3pm. Bright evening	51	·19 ·04
Su. 2.	·83 ·94	W 4. W 3.	40	47	55	Clear & cold morning; bright day with heavy cumulostrati in rocky groups & cool wind: black in NW 4pm, & shower followed; New moon 10pm. fine clear even^g. —	44	·01
M. 3.	30·08 ·21	W 2. W 0.	35	46	55	Clear & frosty morn^g; very fine and bright all day, and the even^g frosty, but changed in the night to haziness.	42	
Tu. 4.	·10 29·84	S 3. S 5.	38	49	56	Hazy & soon overcast & rain at times between 9 and 12: windy & cloudy afternoon, rain at times; stormy & rainy Evening.	52	·05
W. 5.	·62 ·42	S 4. S 3. 1. 0.	51	54	57	Very rainy morn^g, finer from 10 till 12, afterwards dark & rainy more or less; wind fell to calm at 7pm, but a dark and wet evening. —	54	·32 ·19
Th. 6.	·51 ·55	SE 0. NW 0. Var. 0.	47	50	59	Thick fog all the morning & till near noon, bright afternoon with mixed electric clouds in groups, & little or no wind. Evening much clouded & misling. — Night finer & sometimes starlight.	54	·02
F. 7.	·52 ·63	SW 0. SW 1.	49	53	57	Overcast & close with some fog at times till 1pm, then clearer & some sun. Cloudy evening, rain during night.	53	
S. 8.	·63 ·66	SE 1. SE 1.	52	58	61	Overcast, damp & close, followed by very heavy rain at 8am, then clearer and a warm & sunny afternoon. Hazy even^g rocky with lightning in WNW. —	56	·78
Su. 9.	·75 ·86	SE 0. SE 0.	46	56	60	Fog till 7, became bright, and the whole day fair, bright & warm, with mixed electric clouds; even^g calm & clear, but much mist on the vales.	51	
M. 10.	·90 ·92	NE 1. NE 1.	46	54	58	Cloudy more or less, and some misling at times, but close & warm, the evening the same, but fine. —	53	
Tu. 11.	·84 ·84	NW 1. NE 1.	49	55	59	Hazy, but fair, and some sun, warm in the middle of the Day, but the clouds more electric in rocky groups after 3 pm, and a close even^g.	52	
W. 12.	·85 ·86	E 1. E 1.	45	56	60	Fog below, curdled upward: soon bright & very warm, but many heavy rocky clouds, distant showers, & dappled above.	53	
Th. 13.	·89 ·92	NE 1. E 2. E 2.	50	55	58	Rain from 2 am, in frequent heavy showers, and heavier at 8½ am; continual hard rain again from 10½ till 12 noon. Fine afternoon, and close evening and night. —	53	·31 ·34 ·42

To 13th pm, Total rain — — 2·07

October 1853.

Oct^r.	Barometer	Wind.	Thermometer out doors lowest	9 am.	highest	Natural Occurrences.	Thermometer 8 pm.	Rain Bro^t over 2·07
F. 14.	29·90 ·84	SW 1. SW 0.	50	56	61	Fog early, bright and warm after 9 am, but some rocky clouds, very threatening sky, & close air. Evening and night nearly the same.	54	
S. 15.	·78 ·71	SW 2. SW 3. S 4.	51	55	60	Became clear at 7 am, very fine sunny day, drying breezes, and mixed clouds; more wind in the evening, moon dim in haze, and haloes round it, but a fine night. Full moon - 12½ pm. —	53	
Su. 16.	·57 ·44	SSE 2. SW 3. W 1. NW 1.	51	56	59	Hazy & dappled, but bright, fair till 11 am, then overcast & rainy, but less wind; became fine & clearer after 3pm, but much colder since 11am; a heavy shower at 5½pm: then a fine curdled even^g.	46	·20 ·17
M. 17.	·44 ·12	SSE 3. SSW 3. SW 2.	39	47	55	Fine morn^g, & partially clear, but soon overcast and rainy from 10 am, till noon, fair & bright from 1½ till 2½pm, but afterwards hasty storms of rain from dark threatening clouds; Night finer & in part clear. —	50	·12 ·09
Tu. 18.	·42 ·62	NW 2. NW 1. & 0.	40	45	55	Bright for the most part, with light cumuli clouds; hazy & calm evening, mist on the vales.	45	
W. 19.	·42 ·18	SE 3. SE 6. S 1.	43	53	54	Windy, mild & threatening clouds, and from 11am, almost continual rain, more or less, and very heavy about 3pm, finer at 4, but much rain in the Evening.	54	·35 ·42
Th. 20.	·35 ·89	W 2. NW 1. NW 2	48	53	56	Overcast & wet, morn^g, but soon fair, & sunny, continued fine and bright, with rocky cumuli. Clear evening & keen breeze at times. —	48	·03
F. 21.	30·00 29·89 ·94	S 2. S 4. S 6.	42	54	58	Hazy but fair, soon became quite cloudy, few drops of rain, clearer at 2pm, but again lowering, dark & windy: but a very close & sultry Even^g.	58	·02
S. 22.	·95 30·12	S 4. SW 3. 2. 1.	55	59	63½	Close & lowering, with a little rain - 8 am, became fine, bright & very warm, with light flying clouds; evening clear, & a brisk wind, but warm. —	56	·02
Su. 23.	·15 ·28	S 3. SW 3. 2.	54	59	65	Cloudy & warm morn^g; soon became very fine, bright, & hot for the season, with flying clouds; clear evening, soft breeze & very mild. —	57	
M. 24.	·20 ·08	SE 2. S 2.	53	59	64	Clear, very fine & mild morn^g, and most of the day bright & very warm, but hazy and dappled. Fine even^g & rather hazy. —	58	
Tu. 25.	29·99 ·93 ·99	SE 1. SE 2.	52	58	65½	Foggy, but clear above, became bright and very warm, but more hazy in the afternoon, and mottled sun-set. — Evening afterwards clear.	58	

Rain car^d over — 3·49

October 1853.

Octr.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.	Rain Brot. over 3·49
W. 26.	29·92 ·87	SE 3. SE 1.	47	59	65	Clear, very bright and warm, with a drying breeze, & some silvery dots of dappled clouds; close evening and short shower 7 pm. –	58	·04
Th. 27.	·84 ·82	SE 1. SE 1. SW 3.	55	59	64	Showery & sultry morng, became fair bright & very warm, after 10 am, dappled & electric. Vivid lightning & Thunder in SW. all the Eveng: and black bands of cloud rising from that Dr.	61	·14 ·16
F. 28.	·73 ·70 ·78	SE 2. S 4. SSW 4.	55	60	63	Very heavy rain at 5 & 6 am. with sharp lightning & thunder; fine forenoon, and fair & sunny afternoon with wind & rocky cumuli. Fine eveng & night.	55	·42
S. 29.	·90 30·10	SW 3. SW 2. WSW 1.	52½	54	56	Grey clouds, and some sun, fine, and clearer after 3 pm. less wind, and a fine serene evening. Night chiefly clear. –	48	
Su. 30	·20 ·21	SW 1. SW 1. SE 0.	42	49	56	Clear & dewy morng; very fine sunny Day light fleecy clouds. Clear evening, and Stars bright. – Fine but hazy in the night. ——	46	
M. 31.	·12 ·08 ·10	S ½. SE 2. SE 2.	44	51	58	Morng chiefly clear & calm, and the day very bright, but more wind & very drying: Clear evening and bright lights in the North.	48	
						Total rain =		4·25

Results for October 1853.

Baromr.	Highest on 23d	30·28	Thermomr.	Highest on 25th	65·5
	Lowest on 17th	29·12		Lowest on 3d	35
	Range	1·16		range	30·5
	Mean of month	29·68		Mean of month	53·36
				Mean daily range	11·72

Depth of rain 4·25 Inches. Fine days 19. Winds chiefly SW, SE, & S.

This was a stormy & rainy month, but near the end, unseasonably warm, and the whole month was milder than it often proves to be. No material sickness in the rural districts, but the Cholera raged with Typhus & other fevers about London. In Newcastle the Cholera gradually declined during the month.

November 1853.

Novr.	Barometer	Wind.	Thermometer out doors: lowest	8 am	highest	Natural Occurrences.	Thermometer 8 pm.	Rain.
Tu. 1. New moon 9 am.	30·08 ·05	SE 1. SE 2.	47	50	60	Clear morng; and a very warm, bright and cheering day, gentle wind, and a few cirri. Clear eveng, some large meteors fell at 8 pm.	51	
W. 2.	29·95 30·17	SE 3. S 1. SW 0.	50	52	60	Clear with drying breeze, very fine & sunny day, rather hazy and less wind falling to calm after 2 pm. Hazy and calm evening, but very fine.	49	
Th. 3.	·24 ·21	S 0. E 2. SE 1.	43	47	59	Foggy morng, became bright with electric sky, & few drops of rain during sunshine; close afternoon, & mixed clouds; evening clear & calm, but mild. –	50	
F. 4.	·12 ·10	SE 1. ESE 3.	48	50	54	Clear but hazy below, in the morng, & a fine day, flying clouds and sun; more wind & cloudy & colder from 2 pm, cloudy night & drying wind. –	46	
S. 5.	·02 29·98 30·00	SE 3. ESE 3. 2.	45	49	51	Cloudy & dry wind all day alike, and the clouds grey and lofty. Evening more clouded, but less wind; and growing milder after 9 pm. –	47	
Su. 6.	·03 ·19	E 2. E 1. 0. –	46	52	56	Overcast, little rain at 8 & 9 am, afterwards fine, but overcast with thin veil of vapour. Evening very foggy and calm. —	53	·04
M. 7.	·31 ·40.	W 0. NW 1.	50	54	57	Foggy, calm & warm morng; close & cloudy all day, but calm, mild, and fine: evening and night also close and very mild. ——	53	
Tu. 8.	·34 ·42	Var. 0. SE 0. W 3.	50	54	56	Foggy below, & fleecy clouds upward, fine, mild, & calm day, fog gone at 9 am, clear eveng & more wind, – much colder during night. –	47	
W. 9.	·58 ·60	NW 1. NW 2.	35	37	52	Quite clear, & little frost, very bright day & cool wind. More hazy & curdled after 3 pm, & the sunset very red & mottled. – Night clearer.	43	
Th. 10.	·50 ·40	W 2. NW 1.	38	40	50	Very fine & bright all day, a few light dappled clouds, & gentle wind. Clear & frosty Evening, some flimsy cirri over the moon of many colours. –	37	
F. 11.	·38 ·44	NE 0. NW 0.	33	35	47	Fog & hoar frost, chiefly fog till after 12 noon, then bright all the afternoon, Foggy evening but moon bright.	41	
S. 12.	·42 ·31	NE 0. NE 1.	38	43	52	Fair & bright, with little haze & light clouds, more clouded about the East, about sun-set, rather lowering but a moon-light evening, and fine night. —	43	

Carried over, Total rain only 0·04

November 1853.

Novr.	Barometer	Wind	Thermomr. out doors lowest	8 am	highest	Natural Occurrences.	Thermometer 8 pm.	Rain but over 0·04
Su. 13	30·05 / 29·98	NE, 1 / NE, 1	39	43	50	Cloudy few drops, sun at times, chiefly fine & mild, and the afternoon bright & pleasant: roads dusty for several days past. Clear & frosty evening, but the night hazy. —	37	
M. 14. □ ♃ ♄	·82 / ·78	W, 1 / W, 1	34	42	47	Overcast, foggy & raw, but clearer in the afternoon, at times little sun, Evening calm, cloudy & fine: no fog, but milder than before. —	43	
Tu. 15.	·81 / ·80	Var. 0 / NW 0 / W 0	31½	34	47	Frost & fog, continued foggy till noon, bright at times afterwards, but again foggy in the Eveng, and a very little rain; Full moon 6 pm. Cloudy night, rain at times. —	41	·06
W. 16.	·79 / ·82	NW, 1 / NW 0	41	43	49	Very cloudy morng, & rather clouded till near 2pm. afterwards sunny & mild. Eveng clear & much colder, but cloudy night after 10pm.	36	
Th. 17.	·88 / ·98	NW 0 / NW 0	33	36	43½	Thick fog, continued foggy till noon, bright afternoon, but very cold air. — Clear & frosty evening & night.	34½	
F. 18.	30·06 / ·14	NW 0 / W, 1 / Var. 0	30	31	46½	Very white frost & clear, continued very bright all day. Evening more hazy, and thin sheets of cloud. — Frosty night, but rather hazy at times. —	35	
S. 19.	·18 / ·10	SSW, 1 / S 2	32	35	48	Very fine and bright: morng frosty, but the day warmer, and more wind at S. Evening clear & brisk wind. —	37	
Su. 20. ☍ ☉ ♄	·08 / ·18	S, 1 / SW, 1 / 0	35	38	46	Hazy & cloudy, dark afternoon, little rain at times. Close evening, and foggy, but fair & calm. Night clearer & frosty after 10 pm.	41	·04
M. 21.	·35 / ·45	NW, 1 / NW, 1	33	38	48	Clear & little frost: very bright all day but a keen air. Clear sunset, and the eveng fine, but partially cloudy. —	38	
Tu. 22.	·41 / ·32	NE 0 / NE 0	33	37	46½	Hoar frost & hazy, clouds threatening snow after 8 am: but again very bright and calm till near eveng. Frosty eveng haze below, clear upward. —	34	
W. 23.	·31 / ·31	E 0 / Var 0	29	30	42	Hard frost & hazy morng, more or less fog & haze all day, some sun, and curdled upward. — Eveng frosty & calm.	34	
Th. 24.	·22 / ·13	S E 2 / S E 2	31	39	44	Frost early, but a change after 3 am. — cloudy, but lofty clouds, and a drying day but cloudy throughout.	39	
F. 25.	·22 / ·21	E 0 / S E 0 / 1	37	39	46	Calm, mild & cloudy morng, but very bright and pleasant about noon, and all the afternoon. Fine serene eveng more wind & milder after 8 pm. — Hazy & clouding for rain after 10 pm. —	36	

☞ Rain carried up — only = 0·14

November 1853.

Nov	Barometer	Wind	Thermometer out doors lowest	8 am	highest	Natural Occurrences.	Thermometer 8 pm.	Rain brot up — 0·14
S. 26. □ ☉ ♂	29·92 / 30·09	E 3. / E 2.	36	41	44	Heavy rain from 1 am, all the morng & till after 8, and rain more or less all day, but the Evening finer, and a fine night	40	1·07
Su. 27.	·25 / ·29	NE, 1 / NE, 1 / 0.	34	37	45	Little frost — but cloudy more or less all day, little sun gleaming after 3 pm: Evening cloudy & calm. —	38	
M. 28.	·30 / ·30	S E 2 / S E, 1 / 4.	36	38	46	Cloudy, keen wind, raw & somewhat foggy, with sun at times, cloudy evening but not foggy. — Night more windy and very keen at SE. —	40	
Tu. 29.	·23 / ·12	S E 5 / S 6.	37	38	43	Keen blowing day & cloudy, lowering & cold: rain from 4 pm — more in the Evening but less cold. — Night foggy and milder, with less wind.	39	·10
W. 30.	·19 / ·24	S, 1 / S 1. / SSE, 1	39	46	51	Fog and hard rain at 8 & 9 am, continued foggy but finer after 9, and a very dark foggy day, but mild. — Evening & night foggy & cloudy, but finer. New moon 7¼ pm. —	46	·16
						N.B. More than 2 thirds of the rain of this Novr. fell on 26th, otherwise it was a very fine time. (Total rain —		1·47

Results for Novr. 1853.

Baromr.			Thermtr.		
	Highest on 9th	30·60		Highest on 1st & 2nd	60°
	Lowest on 14th	29·78		Lowest on 23rd	29
	Range	0·82		range	31
	Mean of mth.	30·17		Mean of month	43·83
				Mean daily range	11·1

Winds chiefly SE & NW. fine days 24. Rain 1·47.

This was a very fine month for wheat-seeding till after the 25th day, and in the rural districts, very little sickness of any kind prevailed. — Some seasonable frosty mornings in the third week of the month, but many days were unusually sunny and cheerful, far different to the general character of ordinary November! —

December 1853.

Days.	Barometer	Wind	Thermom. Lowest	Thermom. Highest	Natural Occurrences.	Thermom. at 8 pm.	Depth of Rain in Inches & Decimals
Th. 1.	30·24 ·20	S E 1 S E 1	45	49	Exceedingly foggy & mild, continued fog till near noon, bright afternoon and starlight Evening.	38	
F. 2.	·10 ·05	S E 0 S E 0	33	46	Clear & very white frost. very bright all day, & very little or no wind; evening quite clear & calm, with frost.	34	
S. 3.	·10 ·09	S E 0 S E 0	28	41	Sharp frost, clear above, hazy below, but soon foggy, and continued dark, and foggy all day: eveng & night.	37	
Su. 4.	·10 ·08	S E 0 E 1	36	45	Very thick fog, and continued all day nearly the same. Clearer above at 8 pm but foggy below. Night more foggy.—	35	
M. 5.	·04 29·99	E 0 E 0	34	49	Very dense fog, all the morng. clearer about noon, & afternoon. Evening close and clouded over.—	41	
Tu. 6.	30·11 ·15	NW 1 NW 0	37	46	Continued thick fog, all day alike, milder, & less fog during the Evening close night.—	42	
W. 7.	·20 ·22	NW 1 N 1	37	46	Continual fog, but less thick, and nearly bright upward. Evening cold, and stars visible upward.—	39	
Th. 8.	·26 ·34	NE 0 NE 0	34	45	Grey clouds, & fog gone, but calm & frosty very fine sunny day, with lighter clouds. Eveng hazy, but moon bright.	38	
F. 9.	·44 ·47	N 2 N 2 NE 1	37	48	A hasty shower of rain & hail at 4½ am afterwards a clear morng; but a stormy unsettled day, many clouds & sun, a few drops of rain at times; cloudy night with keen drying breeze.	38	·13
S. 10.	·43 ·33	NE 3 E 5 E 5	34	43	Drying & cold wind, sky cloudy in the morng; but sunny in the day, with small cumuli & more wind. very cold and drying. Evening more clouded. & fine drying night.—	34	
Su. 11.	·25 ·15	E 4 E 2 ESE 3	32	36	Cloudy & sharp freezing wind, very fine & drying, but cloudy all day, and very cold. Evening also cloudy, & inclined to change, — but again freezing in the night.	34	
M. 12.	·09 29·94	E ½ SE 0 SE 0	31½	38	Grey clouds, gentle wind & black frost. very dark till noon, afterwards cleared off from SW. Moon bright between light fleecy clouds all the evening, and sharper frost, — but after 9 pm became hazy & much milder.	30	

Rain car. up — 0·13

December 1853.

Days.	Barometer	Wind	Thermom. Lowest	Thermom. Highest	Natural Occurrences.	Thermometer 8 pm	Depth of rain Brought up 0·13
Tu. 13.	29·72 ·60	S E 2 S E 3	30	46	Hazy & light clouds, with sun. much milder after a frosty night, cloudy and more wind all the afternoon. Evening & night cloudy with a dry wind.—	42	
W. 14.	·38 ·48	N E 3 N E 6	37	44	Hazy, but chiefly bright, with a keen drying wind; more cloudy after 4 pm, and wind rising to a piercing strong gale, all the evening, and night. Frost stronger & some snow at times.—	34	
Th. 15.	·30 ·28	N E 3 N E 2	27	34	Continual snow all the morng, with keen frost. Snowing more or less all day, and continued frost.— Full moon 1½ pm.— Snow all the Eveng but less wind.— Night clearer in part.	29	Snow 3 Inches in depth.—
F. 16.	·42 ·51	N E 1 N E 0 1.	23	34	Severe frost, hazy but clear upward. fine day, grey clouds with sun, & sharp air: Evening rather clouded & little more wind at times, but continued frost.—	29	Snow 4 Inches deep.—
S. 17.	·70 ·83	N W 1 N W 0 Var. 0	29	38	Cloudy with snow at times till 10 am, then fine & became clearer after 1 pm, but again overcast & thick from 3 pm all the evening.— Very little frost.—	33	
Su. 18.	·80 ·75	S E 2 S E 1 S E 3	32	36	Hazy morng, but cleared after 9 am, fine day, bright with grey clouds, and freezing again before sunset. Clear eveng & hard frost, but more wind & some clouds at 8 pm. Wind frost all night.	27½	
M. 19.	·70 ·72	E 2 E 3	27½	39	Hard frost, & keen wind, hazy & streaked sky, bright till noon, afterwards hazy and thawing. Evening overcast, and a little more wind.	34	
Tu. 20.	·87 30·00	E 1 E 0	32	40	Cloudy and dark, little snow, & rain at times; hard rain about 7 pm, afterwards less, but a cloudy night.	34	·10
W. 21.	·11 ·13	E 3 N E 5	33	38	Cloudy and dark with little snow at times, more wind in the Evening; very windy & cloudy night.—	33	
Th. 22.	·21 ·26	N E 5 N E 1	33	39	Windy & cloudy, cold and dark, nearly the same all day, but the wind much abated after 2 pm. Cloudy evening, and but little wind.	34	
F. 23.	29·93 ·88	N W 3 N 3	33	44	Dark & overcast morng, rain, snow, & sleet from 8 till 10 am.— then bright at times, with little flying showers. Cloudy eveng, but fine. Hasty storms of hail & sleet during night.	35	·06 ·03
S. 24.	30·20 ·30	N 2 N E 1	34	41	Squalls of hail and brassy clouds, little rain at times, but chiefly fine with much dark raggy clouds. Evening partly clear & little wind	33	·04

Rain car. over — 0·36

December 1853.

Dec.	Barometer	Wind	Thermom. out door lowest	Thermom. out door highest	Natural Occurrences.	Thermom. 8 pm.	Rain brought over 0·36
Su. 25.	30·32 / ·33	SE 1, SE 0.	30	39	Fine morng, bright sun, & grey clouds, with gentle frost; chiefly cloudy after 1 pm; till sun-set, but the evening clear, and very hard frost. Snow all gone. —	30	
M. 26.	·22 / ·17	Var. 0. NW 1. NW 2.	25	35	Sharp frost, very hard & white, bright morning, but soon became very foggy and dark, freezing again at 4 pm, some sleet & rain at 5, afterwards milder. —	35	·03
Tu. 27.	·04 / 29·94	NW 2. NW 1.	26	33½	Snow & sleet early, clear & sharp frost after 7 am, bright all day, and very sharp air; hazy & some snow after sunset. Snowy evening and night.	27	
W. 28.	·96 / 30·22	NW 2. NE 1	23½	33	Severe frost and snow at times, fine between 8 and 11 am, afterwards frequent and heavy falls of snow. Evening chiefly clear upward & sharper frost.	24	
Th. 29.	·30 / ·20	NE 0. N 1. W 2.	12½	31	Extremely sharp frost & clear morng; fine day & chiefly clear, sun set red in haze, Thermom 20° before 5 pm. A little change during the Eveng, and greater change during night to windy & cloudy. —	20	
F. 30. New moon 6 am.	29·64 / ·60	SW 5. W 5. NW 4.	20	37	Windy with squalls of rain & hail, with some snow, but thawing all the morng, frequent heavy snow p.m. & colder again. — Evening squally with snow, and freezing hard. —	27	·04
S. 31.	·70 / ·62	NW 3. NW 2.	23	32	Clear & sharp freezing wind, all day, some heavy snow clouds at a distance after 3 pm, but the eveng & night clearer, and sharper frost. Total rain only 0·43	27	

Results for December 1853.

Baromr. { Highest on 9th — 30·47. Lowest on 15th — 29·28. range — 1·19. Mean of Month — 29·99 }

Thermr. { Highest on 1st & 5th — 49°. Lowest on 29th — 12½. range — 26½. Mean of Month — 35·39. Mean daily range — 9·56 }

Winds chiefly Easterly & NW. — rain only 0·43 In. fine days 20.

This was the coldest December for several years past, attended by much sickness, chiefly typhus fever, Bronchitis, and Pneumonia, and the mortality on the increase among infants, and aged persons. —

Summary of the Year of our Lord 1853.

1853	E	W	N	S	SE	NE	SW	NW.	Prevailing Winds.	Depth of rain	fine days.	range of Tempr. daily	Mean Temp.	Mean Pressure.
Jan.	1½	2½	1	7	0½	5½	10	3	SW & S.	2·59	11	10·00	42°17	29·75.
Feb.	1	2	5½	1	2	8	1	7½	NE. NW. N	0·63	7	12·16	33·10	29·72.
Mar.	4½	2	2	5½	4½	7	3	2½	NE. S. SE-E.	0·79	13	14·72	38·54	29·98.
Apr.	3½	5½	3	1½	1½	3½	6	5½	SW. W. NW	4·08	10	14·80	46·80	29·90.
May.	12	1	3½	0½	3½	7	1	2½	E & NE.	1·64	23	18·75	53·42	30·01.
June.	1	4	5	1	8	0	8½	2½	SW. SE.	2·36	20	17·96	61·08	29·97.
July.	1½	7	0½	5	2	0	14	1	SW.	5·02	18	13·83	62·88	29·99.
Aug.	3½	2½	0½	3½	2½	8	7	3½	NE - SW.	2·94	20	15·72	61·75	30·06.
Sept.	0½	5½	1½	1	4	5½	7	5	Westerly.	1·93	22	13·68	57·87	30·07.
Oct.	2	3	0	6	8	1½	7½	3	SE. S. & W.	4·25	19	11·72	53·36	29·68.
Nov.	3½	5	0	3	7	4½	0½	6½	SE & NW.	1·47	24	11·10	43·83	30·17.
Dec.	6	0½	3½	0	7½	7	0	6½	Easterly & NW.	0·43	20	9·56	35·39	29·99.
1853.	40½	40½	26	35	51	57½	65½	49	SW & NE.	28·13	207	13·66	49·17	29·94.

The coldest days in 1853, were February 19th, and December 29th:

and the hottest days, were the 26th & 27th of May; the 11th of June; and the 7th of July. Thermr. 80° & 81°. —

The Lowest Barometer occurred on the 26th of February — when it was 28·94:

and the highest state of Barometer occurred on the 9th of November, which was 30·60 Inches.

The greatest rains were in April, July, and October, each following on with the Quarterly Storm periods!

Conclusive Notes 1853.

The distinguishing features of the Year 1853, were as follows;

1. A severely cold & snowy February & March.
2. A remarkably wet and flooding April.
3. A wet July with awful tempests and Flood!
4. A very rainy October.
5. A fine November for wheat-seed.
6. A very cold December.

N.B. Both 1852 & 1853 were years of much rain, but the former year exceeded the latter by about 6 Inches, in the depth of rain.

Observed by Orlando Whistlecraft.

The days of the week, and month, with state of the Barometer.

January 1854.

In this column the Thermometer at 8 pm — Shewing the progress of the Evening's frost. — In this column the depth of rain is separately registered, and the depth of snow as it falls.

Jan^y.	Barometer	Wind.	Thermometer out doors lowest	Thermometer out doors highest	Natural Occurrences.	Thermometer at 8 pm.	Depth of rain.
Su. 1.	29·43 ·40	NW 1. NW 3. 5.	17	30	Very severe frost & clear morng till near 10, afterwards cloudy & frequent falls of snow till after 1 pm, then fair & clearer; Evening more windy & clouds at times; fine night.	27	
M. 2.	·36 ·29	SE 0. SE 1. N 2.	21	32	Hazy & continued frost, but less wind; bright till noon, afterwards overcast, and snow mixed with hail, at first, then continual snow till 4 pm. Eveng fine but cloudy in part. — Severe night. —	26	
Tu. 3.	·47 ·40	NE 0. E 3. E 5.	13	34	Very severe rime frost, clear above, fog below & no wind; but after 10 am, fog gone, and became cloudy with a boisterous & piercing wind, increasing to a hurricane in the night. —	30	Hurricane & snow-drift after midnight.
W. 4.	·16 ·10	E 8. E 6. NE 3.	29	34	Violent hurricane from 3 am, with heavy drifting snow, very windy all day with great fall of snow. Less wind after 4 pm, but continual snow till after 6: finer evening and night, but overcast. —	27½	Snow in places 4 to 8 ft deep.
Th. 5.	·00 ·03	NE 0. Var. 0. SW 1.	28	36	Overcast, foggy & snow at times; thawing in the afternoon, very thick, and wind veering. Evening thick & foggy, but some return of frost part of the night. —	31	
F. 6.	28·98 29·25	W 0. NW 2. NW 3.	30	36	Thaw & some rain 7 am, afterwards fog but finer: became clearer after 12, little sun, & thin clouds, freezing again before 3 pm. Eveng lightly cloudy. —	30	·05
S. 7.	·32 ·03	SE 2. SE 5. S 2.	29	41	Frost early, red streaked sky, & wind rising — overcast and rain with galy wind & thawing from 10 am, continual hard rain all the afternoon & thawing faster. Evening fine from 6 pm, much warmer & clearer. —	41	·30
Su. 8.	28·97 29·21	SSW 2. SW 2.	36	44	Stormy rain at times early am, thawing all night & to day, but fair & chiefly bright with thin haze & streaky clouds. Evening very clear & frost again partially. —	35	·03 Floods on the valleys.
M. 9.	·31 ·28	SE 1. NE 1.	33	40	Hazy & foggy — with light rain after 7 pm, for a short time, afterwards cloudy but fine, — no frost to night.	35	·02
Tu. 10.	·53 ·62	N 2. NE 3.	35	42	Cloudy more or less, and thawing all the day, little rain at times, and more misling in the Eveng, and showery night.	36	·16
W. 11.	·92 ·98	N 3. N 2. 0.	34	41	Cloudy, damp, raw, misling, foggy and unpleasant, evening finer, and nearly calm, but quite cloudy. — Some hail & rain after midnight. —	36	·03
Th. 12.	·95 ·89	Var. 0. SE 1. SE 2.	35	42	Very foggy, dark, & damp, little or no wind, & exceedingly unpleasant; clearer after 1 pm, but more wind, and stormy looking sky. — Wind increasing all the evening. —	36	·04

Rain carried over — 0·63

January 1854.

Jany.	Barometer	Wind	Thermom. outdoors lowest	highest	Natural Occurrences.	Thermometer 8pm.	Rain Brot over 0·63
F. 13.	29·79 ·77	S 3. SE 2.	35	45	Squalls & rain early, fine day, thin low clouds and sun: evening hazy & cloudy, moon visible at times. Some showery rain after midnight	37	·13
S. 14.	·70 ·87	SW 1. SW 1.	35	45	Full moon 9 am; Cloudy & damp; but cleared up at 10 am, then very bright all day, and a clear and frosty evening.	33	·06
Su. 15.	·81 ·84	E 2. E 1.	32	41	Cloudy & rain early, finer after 7 am but cloudy, continued cloudy all day but fine. Evens overcast, & misling.	36	·07
M. 16	·92 30·01	SE 1. SE 1.	34	47	Very foggy, but much milder, and very little wind, close evening, and less wind. — Very mild night. —	43	
Tu. 17.	·04 ·20	S 2. SW 4. 2. 1	41½	51	Very mild morng, and mottled sky, cloudy more or less, with low scuds, all day, but very mild, and trifling rain at times: very mild night.	48	·02
W. 18.	·23 ·28	SW 2. SW 0.	45½	51½	Very mild, and more or less cloudy all day, very gentle wind, and the evening close and cloudy. —	46	
Th. 19.	·23 ·08	SE 2. SE 2.	36	44	Thick fog chiefly all day, but some sun about noon; fog much more dense all the evening, and colder, but during night not so cold throughout	37½	
F. 20.	·08 ·04	SSE 2. SW 4.	36	49	Very foggy & raw, all the morng. cleared off at noon, bright afternoon, with light mottled clouds, & brisk wind. Cloudy & windy Eveng, and night. —	44	Aconite in flower
S. 21.	·40 ·35	S 2. S 2.	39	50	Fine with thin clouds & sun, mild and chiefly sunny all day; hazy at sunset, but a star-light evening.	40	Snow-drop appearing
Su. 22	·25 ·11	SE 2. SE 2.	35	48	Foggy morning, bright day with a fresh breeze, and a clear sunset, the evening also clear, but night cloudy and foggy. —	37½	
M. 23	·20 ·20	SW 1. SE 1. 2. 3.	35	48	Thick fog till 10, bright at times till near 4 pm, then again cloudy, and in the Evening dark & more wind. —	40	
Tu. 24	29·90 ·70	S 5. S 5. SSW 2. 1. 0.	37	46	Windy & flying clouds; but fine till after 11, then flying rain & squally wind till 5 pm: afterwards less wind but cloudy & milder than last eveng. —	43	·13
W. 25.	30·14 ·20 ·17	SW 0. SW 3. 5. –	33	46	Clear, very slight hoar-frost, sun rose quite clear; and continued bright till 3 pm, afterwards hazy & rather cloudy. Windy and cloudy evening.	42	

Rain car^d up — 1·04

January 1854.

Jany.	Barometer	Wind	Thermometer lowest	highest	Natural Occurrences.	Thermometer 8pm.	Rain Brot up 1·04
Th. 26.	30·37 ·60	SW 4. NW 7. NW 1	37	49	Clear morng with drying wind, bright till noon, sudden flying storm of sleety rain at 1 pm with violent gale for a short time, afterwards bright & wind falling to a calm, starlight eveng. —	37	·03
F. 27.	·60 ·38	S 3. SSW 4. SW 4. 5.	32	48	Little frost early, red & dappled East & change of wind 7 am, drying wind all day, but after 12 became cloudy, and the evening overcast & misling. —	43	
S. 28.	·20 ·18 ·28	SW 4. W 4. NW 1.	43	51	Cloudy, misling and very mild morng: fine after 11, sun at times, rocky and stormy clouds with big drops & hail at 4½ pm. Distant lightning Eastward at 5 pm. Clear evening. — New moon 5 pm.	39	·05
Su. 29.	29·88 ·78 ·92	SW 5. SW 5 WSW 2	34	55½	Windy with rain at times from 4 am, till 8 am: fine & very mild day, but windy & cloudy. Very close and warm eveng. cloudy & less wind. —	51	·09 Snowdrop open flower
M. 30.	30·17 ·19	SW 3 SW 4.	50	57	Exceedingly mild, with brisk wind and black clouds; chiefly sun after 11, and continued remarkably warm. Evening clear, and rather cooler. —	48	primrose open in garden. & daffodil appears.
Tu. 31.	·25 ·20	SW 3. SW 3.	47	55	Very mild, with much cloud & little sun, brisk wind & drying morning. Slight misling at 1 pm. afterwards fair, cloudy & continued mild. —	50	

Total rain — 1·21

Results for January 1854.

Barom^r:
- Highest on 27th = 30·60
- Lowest on 8th = 28·97
- range — 1·63
- Mean of month 29·80

Thermom^r:
- Highest on 30th 57°
- Lowest on 3^d — 13°
- range — 44
- Mean of month — 39·27
- Mean daily range — 10·32

— Prevailing winds SW & SE. Depth of rain 1·21 Inch. Fine days 15. —

This month was remarkable for its variety of temperature, having come in with severe frost and great snow, but soon changed to mildness, increasing at the close of the month until unseasonable warmth prevailed, which suddenly brought up many Spring flowers to blossom. — Public health suffered considerably from Bronchitis, and Pneumonia, while all Catarrhal affections were general.

February 1854.

Feb.	Barometer	Wind	Thermometer out doors: lowest	8 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Depth of Rain.
W. 1st	30·00 ·10	SW 4 W 3. N 2.	46	48	52.	Cloudy, windy & mild, but colder after 3 pm, & rain at times, wind veered to N, at 4 pm; Evening misling, and nearly calm.	42	·22
Th. 2.	·21 ·40	W 0. NNW 1 N 0.	37	38	46	Clear morng, and very bright all day, with very little wind. Eveng clear, calm, and frosty. — Night chiefly clear.	35	
F. 3.	·42 ·39	N 0. N 0.	28½	29	47	Clear, & very hard white frost, clear all day, very bright and calm: Clear starlight eveng, & frost. —	34	
S. 4.	·21 ·00	S 2. SE 4. SE 4.	28	37	43	Hard frost early, but at 5 am, wind rose & fog came on, foggy till 8, then cleared, bright with flying clouds, & very cold wind: stormy rain during the night.	36	·09
Su. 5.	29·92 30·02	W 2. SW 3. SW 4.	36	41	52	Fair and chiefly bright, but somewhat hazy at times; cloudy and more wind after 3 pm; and the Evening cloudy & windy, little rain at times. much warmer during night. —	49	·02
M. 6.	·03 ·14	SW 4. WSW 3 WSW 2	42	50	59	Clear, mild & windy morng; and unusually mild all day, with brisk air, light clouds & sun: and the evening also very warm, with fresh breeze and thin clouds: — close night.	50	
Tu. 7.	·07 ·15	SW 4. W 4. NW 4.	48	53	54	Cloudy & windy, but exceedingly mild, in the morng, wind changed at 10 a m, with a flying storm of rain, afterwards colder and very squally, sun at times. Clear moonlight Evening. —	41	·06
W. 8.	·09 ·20	NW 5. NW 5. 4. 3.	36	38	46	Clear & keen blowing morng, very bright till noon, afterwards clouds & hail at times; and very cold wind. Moon bright at eve, and still windy.	39	·01
Th. 9.	·10 ·05 ·15	W 3. NW 5. N 3. NW 3.	38½	44	48	Cloudy & milder morng, but a sudden change before noon, some sun at 11, but soon after, a driving storm of hail, ending in snow: during which the Thermr fell from 48° to 35°: — Afternoon bright from 2 pm. & a fine eveng. —	35.	·05
F. 10.	·28 ·31	N 3. N 4.	33	35	43	Storms of hail, snow & rain early, and frequent hail and rain during the day with squally wind, & sun between clear moon-light evening. —	35	·23
S. 11.	·30 ·32	N 2. N 1.	32½	36	42	Flights of snow & sleet at times in the morng, but fine in the day, chiefly cloudy & little sun. — Calm evening and frosty. —	35	·04
Su. 12.	·28 ·40	NW 0. N 2. NE 1	28	33	40	Hard & white frost, grey clouds & haze. with some sun; a few sleet & hail showers in the afternoon. — Fine eveng. light clouds & frost. —	31	·01

Rain carried up — 0·73

February 1854.

Feb.	Barometer	Wind	Thermometer out doors: lowest	8 a.m.	highest	Natural Occurrences. —	Thermomr 8 pm.	Rain brought up. 0·73
M. 13.	30·60 ·68	NE 0 NE 2 E 0.	30	32	38	Full moon 3 am; very fine bright & flimsy clouds, with gentle frost; continued fine and mostly bright, with a keen air. Hazy evening & lunar halo, clearer after 7 pm, & hard frost. —	31	
Tu. 14.	·69 ·43	SW 0. SW 3. SW 3.	26	27	43	Hard frost but hazy & red at first, very bright after ☉ rise, fine sunny day, and cold wind. Evening cloudy & more wind with signs of change to storm.	35	
W. 15.	29·95 30·02	NW 4 N 4. N 3.	35	45	45	Sudden change, squally with rain early a m, and misling at 8 and 9 am, a few flakes of snow in the day, but chiefly sun & sharp wind all the afternoon. Frost during the night.	33	·18
Th. 16.	·05 ·08 ·04	NW 3. W 2. W 1	31	31	41	Light clouds, freezing wind, & little sun fine drying day, less wind and more sun, but the Eveng cloudy & misling: Night finer and fresh breeze. —	37	
F. 17.	29·80 ·42	SW 3. W 6. WNW 6. 7.	36	43	51	Fair & windy, sun at times; bright and mild at noon, afterwards clouds, some flying rain, and stronger wind. A violent driving storm of hail & rain at 5 pm, with one severe flash of lightning & loud thunder, wind strong. — Evening finer but boisterous, and very galy night. —	35	·15
S. 18.	·37 ·68	NW 7. NW 7	29	31	39	Strong wind & freezing hard, with sleet, & hail at times; snow from 8 am, in driving storms till 10, afterwards finer with piercing gale & some sun. Eveng, and night windy & freezing. —	34	
Su. 19.	·93 30·08	NW 3. NW 2 1 – 0.	31	33	42	Keen wind frost, & clear, little hail in the morng, fine & bright day, light clouds, and less wind: evening starlight & frosty. — Change after midnight. —	32	
M. 20.	·02 29·95	SW 0. SW 0. W 4	30	36	49	Cloudy & calm, much milder, close and misling from noon till evening and very mild. — Wind suddenly rose at 8 pm to brisk gale.	49	·12
Tu. 21.	30·28 ·41	NW 1. NE 1. E 1.	34	36	50	Clear, little frosty, very fine bright & warm afternoon, arcs of curdled cloud at ☉ set, and hazy evening. —	39	
W. 22.	·33 ·10	SE 2 SW 4.	34	39	49	Cloudy morng – fine sunny noon, and drying wind. cloudy from 3 pm and all the Evening, — windy night	41	
Th. 23.	·28 ·58	NW 2 NW 0 2.	36	36	50	Rain at 2 & 3 a m, fair & bright morning, and a very fine, bright, drying day wind fell away to calm at 6 pm, but more wind at 8 pm.	39	·13
F. 24.	·55 ·34	NW 1. SW 4. SW 5.	33	36	50	Bright & little frost, more wind and clouds after 9 am, drying, windy & cloudy afternoon, but some sun. Evening also windy & in part cloudy. —	45	

Rain card over = 1·31.

February 1854.

Feby.	Barometer	Wind	Thermometer out doors lowest	8 am	highest	Natural Occurrences	Thermometer 8 pm	Rain brt over 1·31
S. 25.	30·41 ·46	NW 7. NW 5.	38	39	51	Very fine & clear, but windy, very dry and parching day. Evening chiefly clear, & wind abating. Very fine clear night with wind.	41	
Su. 26.	·54 ·56	NW 3. NW 0.	35	38	49	Very bright and clear all day, drying breeze, & pleasant. Wind fell to calm at ⊙ set, clear & frosty night.	35	
M. 27.	·44 ·40	WSW 2. W 3. 2. 1.	33	40	52	New moon 4½ a.m; very fine and bright morng, cloudy from 9 till 11, afterwards again bright, and very parching. — Clear eveng – and less wind. Fine & clear night, but no frost.	41	
Tu. 28.	·30 ·60	SW 3. WNW 4 W 1.	36	41	52½	Clear & parching breeze, very fine and drying, a few clouds between 9 & 11 a.m, the rest of the day quite clear. — Evening and night clear star-light and nearly calm. —	38	
						Total Rain →		1·31

Results, for February 1854.

Baromr	Highest on 14th — 30·69.	Thermr.	Highest on 6th — 59°
	Lowest on 18th — 29·37.		Lowest on 14th — 26.
	Range — 1·32		range — 33
	Mean of Month — 30·21.		Mean of month — 40·78
			Mean daily range — 12·96.

Winds chiefly NW. N. SW. & W. Rain 1·31 Inch. Fine days 16. —

This was a changeable month with much wind, and great oscillations of Barometer, yet mostly dry, and often mild, so as to start vegetation, and promote the labours of the fields. —
A very good seed-time near the end of the month. —
Not much sickness in the rural districts, but more in the large towns from Pulmonary diseases.

Crocus in flower on 26th; Lark soaring on 28th.

March 1854.

March	Barometer	Wind	Thermometer out doors lowest	8 a.m.	highest	Natural Occurrences	Thermometer 8 pm.	Rain fallen.
W. 1.	30·74 ·80	NE 0. Var 1. SSE 2.	29	34	53	Quite clear & morng frosty, very bright all day, & but little wind, hazy at sunset, and sun very red. Evening hazy, but clearer upward. —	37	
Th. 2.	·75 ·72	SE 0. SE 1.	30	36	54	Clear & frosty morng bands of fog on the vales, very bright all day, no clouds & very little wind. Evening quite clear & calm. — Sharp frost at night.	37	
F. 3.	·70 ·67	E 0. SW 1. 0.	27	34	55	Sharp frost A.M. Quite clear, very bright all day, and scarcely any wind. Evening clear, & calm. —	37	
S. 4.	·80 ·88	Var. 0. NE 2 NE 2.	28	36	45	Calm & frost, hazy streaked sky from NE to SW. — Cloudy more or less from 9 am till 2 pm, then chiefly bright, but the eveng cloudy. Cold wind all day. —	35	
Su. 5.	·81 ·73	NE 1. Var. 0. NE 0.	30	36	47	Frost & fog, foggy till 11 a.m; afterwards very bright & calm: clear & frosty Evening, and severe night with fog, and rime. —	34	
M. 6.	·60 ·53	SE 0. SE 2.	24	30	50	Severe rime-frost, fog till 11. afterwards very bright, till 5½ pm; very thick fog & freezing evening, but less cold during night. —	33	
Tu. 7.	·52 ·48	SE 1. SSE 2. S 3.	30	39	48	Very foggy, and so continued till noon, afterwards bright with light clouds. Evening lightly curdled, and milder. — Night cloudy & more wind.	40	
W. 8.	·40 ·38	SW 3. SW 4.	40	51	58½	Cloudy & mild morng, very fine and warm day, grey clouds, and sun, with brisk drying wind, and a very close night. —	53	
Th. 9.	·34 ·30	SW 3. SW 4. 2.	48	55	65	Cloudy & very warm morng, exceedingly fine and very warm day, with brisk wind & light clouds. Bright eveng, lunar halo, & less wind.	53	Peacock Butterfly seen.
F. 10.	·20 ·10 ·21	SW 3. WSW 5. 1 = 0.	50	55	57	Cloudy morng & very mild, but colder after 9 a.m, stormy sky, dark, windy & some rain at noon, afterwards fair, with sun & heavy clouds. Eveng hazy; showery at midnight. —	45	·05 ·06
S. 11.	·21 ·20	W 3. W 1.	42	48	57	Flying clouds & sun, windy till 1 pm, afterwards clearer and wind less. — Eveng bright moon-light, and nearly calm.	49	
Su. 12.	·20 ·12	SE 1. SSE 2. SE 2.	35	44	62	Fog early, very bright from 8 a.m, exceedingly fine, warm day, & no cloud, but a very parching breeze. — Evening also clear. —	46	
						Rain Carried over —		0·11

0·11

March 1854.

March	Barometer	Wind	Thermometer out doors lowest	8 am	highest	Natural Occurrences	Thermometer 8 pm	Rain brot over 0·11
M. 13.	30·08 ·11 ·06	S 1. S 2. SSE 1.	38	45	65½	Very fine and bright, and so continued all day, gentle breeze, and hot for the season. Little hazy about the West at ☉set; but a clear night.	47	Peacock butterfly & yellow ditto seen
Tu. 14.	·00 ·14	SSE 2. S 3. SW 1.	42	49	59	Clear & gentle soft wind: little haze & cirri from 8 am, more hazy during the day, but warm. Calm, close, & hazy evening. Full moon 6 pm. — Night clear. —	48	
W. 15.	·25 ·30	S 0. SW 3. SW 1.	38	47	59	Quite clear, exceedingly fine & pleasant; fine & warm all day, but some clouds and haze after 12. — Eveng chiefly clear with thin white bands of clouds in zenith.	48	Hawthorn leaf.
Th. 16.	·23 ·20 ·28	SW 3. W 3. W 2.	45	51	58	Close & hazy morng; cloudy till 2 pm. a little flying rain at 1 pm: — but after 2 became bright with rocky cumuli, and a starlight eveng & night.	45	·02
F. 17.	·50 ·50	NW 1. NE 2 NE 0.	32	40	53	Clear frosty morng, very bright day with keen wind; evening clear, and frosty; and a cold frosty night, and no wind.	37½	
S. 18.	·31 ·08	Var. 0. SW 1. W 1.	28	36	50	Keen frost, hazy & thick from 6 am and gentle rain at times during the day; and all the evening, increasing in the night.	40	·52
Su. 19.	·07 ·29	E 5. E 5. E 2.	37	42	45½	Cloudy & gale at East, clearer after 11 am bright afterwards, but the wind very cold and boisterous; Eveng clear, & the Aurora bright in NW.	34½	
M. 20.	·42 ·43	E 2. NE 4 NE 3	33	40	46	Cloudy & keen wind, brighter in the afternoon, but very cold, and the Evening the same, but chiefly clouded. Some light sleety rain during night. —	39	
Tu. 21.	·41 ·46	NE 3 NE 4 NE 2	35	39	51	Stormy clouds with flying rain, cold wind & sun at times; afternoon fair and bright, but cold; clear evening and keen air.	38	·02
W. 22.	·59 ·51	NW 1. N 3. N 3.	31	40	48½	Clear, frost a m: day cold & cloudy, with sun at times; cloudy evening, and cold breeze. Windy & closer night. —	42	
Th. 23.	·46 ·48	N 3. NNE. NE 1.	40	43	52	Cloudy, but less cold, chiefly cloudy, but some sun at times after 1 pm: Eveng clear, & less wind. Aurora very brilliant.	40	
F. 24.	·37 ·36	NE 2 NE 2 N 1.	35	45	50	Cloudy more or less, very little sun, and cold wind all day. — Evening clearer, and less wind: Cold night & chiefly clear. —	40	Cowslip in flower
						Rain cad up —		0·67

March 1854.

March	Barometer	Wind	Thermometer out doors lowest	8 am	highest	Natural Occurrences	Thermometer 8 pm	Rain brought up 0·67
S. 25.	30·18 ·02	SW 3. W 4.	34	44	47	Cloudy, more or less all day, and very cold boisterous wind: rather clearer after 5 pm, but chiefly cloudy during the night. —	43	
Su. 26.	29·94 30·05	SW 2. NW 2. NE 1.	40	46	51	Cloudy, little rain at times & sun at other times, but a stormy looking sky. Evening finer & wd veering to NE, but chiefly cloudy. —	41	·11
M. 27.	·27 ·30	NE 0 SW 2. W 0.	34	41	55½	Fog below, clear upward, very bright morng, and a bright & warm day, with cumuli clouds, Rosy sunset, & clear evening, wind fallen to calm. Night hazy. —	42	
Tu. 28.	·33 ·42	W 2. W 1.	39	47	59	Cloudy more or less till noon, bright and warm afternoon, with light grey clouds, calm and very mild evening. — Night chiefly clear, but not frosty. —	48	New moon 5 pm.
W. 29.	·43 ·43	W 1. W 2.	39½	47	63½	Clear, very bright morng; and a bright & very warm day, with light cirri clouds, and gentle wind. Sun set clear & red. Evening clear.	51	willow leaf.
Th. 30.	·38 ·23	WSW. W 4.	41	49	59	Hazy & cloudy morng, fine warm & drying day, cloudy with sun & brisk wind. — Cloudy & windy evening. Night clearer. —	51	
F. 31.	·42 ·43	WNW 3 W 2. W 1.	39	47	62	Quite clear & parching breeze. a very fine, bright, and warm day, some cirri branching about, during the Evening, & some collapsed into plane bands, or plano-cirri.	53	
						Total rain —		0·78

Results for March 1854. —

Baromr	Highest on 4th —	30·88.
	Lowest on 26th —	29·94.
	range —	0·94
	Mean of Month	30·38!
Thermomr	Highest on 9th & 13th	65°·5.
	Lowest on 6th —	24
	range —	41·5
	Mean of month —	45·15!
	Mean daily range —	17·79.

Principal winds W: SW: & NE. Fine days 26, rain only 0·78.

This was a remarkably fine and dry month, with a continual high state of Barometer. A very favourable seed time, and the start of Vegetation early. The Vernal Indications as follows. — Peacock Butterfly seen on 9th, and with the Yellow ditto — on 13th; — Hawthorn leafed on 15th; Cowslip flower 24th; Willow leaf — 29th; Public health suffered little in the Rural Districts. —

APRIL 1854.

April.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.	Rain.
S. 1.	30·35 ·32 ·35	W 2. SW 3. W 2.	39	56	70	Bright with sheets of cirrus, continued bright all day, and hot for the season, with a fresh breeze. — Clear night, & gentle wind continued.	58	Wryneck heard.
Su. 2.	·52 ·52	NE 1. NE 2. E 1.	40	55	65	Clear, very bright and warm, with a fresh breeze. Curdled Evening & rather hazy, with gentle wind, but very fine. Night cloudy. —	51	Sycamore leaf
M. 3.	·50 ·63	NW 2. N 3. Var. 0.	42	53	57	Bright morng, and a very fine and bright day, but very cool wind; eveng clear & calm. Aurora in Northwest — & the Comet visible.	43	
Tu. 4.	·58 ·50	W 1. W 2. SW 1.	35	50	61	Bright but hazy, & a vivid Mocksun at 7 am, N. of the Sun; a fine, bright, and warm day, with gentle wind. Calm eveng. & rather hazy.	58	
W. 5.	·42 ·49	SW 1. W 3. W 1.	36½	54	65	Very clear morng, and a bright and warm day throughout, Evening a little hazy & dappled. — Clear night.	49	Wryneck piping more
Th. 6.	·50 ·42	SW 1. SW 2.	35	56	68	Clear & frosty early, but a very brilliant and hot day, no cloud, & but gentle wind; Hazy evening & coloured halo about moon.	53	Horse chestnut leaf.
F. 7.	·45 ·45	SW 2. NW 2. NE 1.	42	56	67	Bright and very warm, some blue & grey clouds during the afternoon, and cloudy evening. The night hazy, & mostly cloudy.	53	Cuckoo heard. these 2 days.
S. 8.	·38 ·24	SSE 1. S 2. SE 1.	45	54	68	Cloudy morng, but cleared off at 11 am bright afternoon & very warm, and the evening clear; sun set red in a grey haze. Night clear. —	53	Poplar leaf.
Su. 9.	·24 ·32	NW 1. NW 2. NE 1.	42	54	65	Clear morning: and very bright all the day, warm sun, but cooler wind; clear eveng & colder. —	47	
M. 10.	·35 ·30	E 1. E 2. E ½.	36	49	58	Fog early, bright from 7 am, very fine bright day. and cooler wind. Evening clear & cold, with very little wind. and the night clear.	43	
Tu. 11.	·24 ·37	NE 2. NE 2.	36	52	62	Clear at first, but clouds after 7 am, again clear, & very bright all day, with a parching breeze. —	43	
W. 12.	·47 ·52	NE 3. NE 2.	39	51	58	Bright sun, & parching wind, very fine, but cool in the shade. Some electric clouds in SW at sunset. —	43	
Th. 13.	·52 ·45	ENE 3. E 3. E 2.	39	55	60	Full moon 6 am; bright all day, and a very parching breeze, some cirri & dappled cloud. Evening rather hazy, but very fine.	45	
						No rain up to 13th pm		0·00

APRIL 1854.

April	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.	Rain.
Good Friday 14.	30·33 ·24	SE 1. SE 1. E 0.	36	58	65	Very fine, bright and warm, scarcely a cloud, & very gentle breeze. Evening serene & bright. no cloud except a few cirri Northward, & Aurora bright.	47	
S. 15.	·12 ·14	NE 1. NE 1.	39	54	59	Electric & hazy, but bright, some mixed clouds & little shower 10 am, & again at 1 pm, afterwards mostly bright, with some small electric clouds. —	47	·02
Su. 16.	·21 ·29	NW 1. NE 2. NE 2.	38	53	61	Bright morng, and continued bright till 3 pm, with cool wind, afterwards cloudy and much cooler: and the evening very cloudy, & cold wind.	45	Chimney Swallow arrived.
M. 17.	·38 ·38	NE 2. NE 1.	41	51	59	Clear at first, some clouds at 8, afterwards bright, with a cool breeze, clear sunset, & very bright evening. —	44	
Tu. 18	·30 ·24	E 2. E 3. 2. 1.	35	53	65	Bright all day, and no cloud, very warm in the sun, but a cool parching wind; clear evening and very rosy sunset.	49	
W. 19. △☉♂	·16 ·10	E 2. ESE 3. E 0.	42	64	73	Very bright all day, brisk wind, but no clouds, & very hot for the season: Clear evening, and less wind. — Slight Aurora in NNW.	54	Nightingale singing much.
Th. 20.	29·97 ·80	E 2. E 2. SSE 2.	40	65	75½	Very bright and very hot, fresh breeze very parching, and no cloud, except a few cirri on SW horizon after 2 pm. — Evening more hazy, & a sheet of mottled cirrostratus from SSE at 8 pm.	56	House martins seen.
F. 21.	·65 ·56	E 1. SE 2. SE 1.	52	64	75½	Close morng, and dusky clouds, electric & dappled, bright and very hot day, but many distant rocky clouds. & a close evening, with much electric cloud.	58	Maple leaf.
S. 22.	·53 ·70	NE 1. NE 3.	50	55	57	Cloudy, fog, & little misling, cloudy more or less all day, much colder, rough wind and little rain at times.	44	·04
Su. 23.	·94 30·15	NE 3. NE 3.	39	44	47	Chiefly cloudy, & very cold rough wind. little gleams of sun. but a little hail at times: very cold evening, low clouds & little flying sleet.	38	
M. 24.	·37 ·47	NE 2. NE 1.	33½	46	51	Sleet & hail at times; but chiefly bright sun, & keen wind. — The afternoon fine & bright and a cold evening & frosty night. —	37	
Tu. 25.	·50 ·47	NW 1. NE 2.	31½	47	52	Bright with rocky clouds, and cold wind but very fine & drying day: — cloudy evening & fresh breeze. —	44	
W. 26.	·45 ·28	N 3. N 2.	39	51	56	Cloudy with some sun, & cold wind; but very fine. Evening milder, and nearly calm, with dappled sky. —	47	
						Rain carried over —		0·06

April 1854.

April	Barometer	Wind	Thermometer out doors lowest	9 a.m.	highest	Atmospheric Occurrences	Thermometer at 8 p.m.	notes on natural things	Rain brot over 0·06
Th. 27.	30·07 29·90	W 3. NW 2. NW 3.	42	54	54	Cloudy - rain from 8 am, and very hard at 11 am, continued raining till near 1 pm. afterwards fair & bright, with cold breeze, & loose cumuli; Evening stormy & some rain; distant thunder storm in SW.	46	new moon 6 am	·25
F. 28.	·87 ·95	NW 5. N 6. N 2.	40	48	52½	Heavy rain from midnight till dawn in fitful showers, very stormy all day, frequent flying showers, cold & boisterous, with sun at times; evens less windy.	44		·45 ·03
S. 29.	·72 ·80	N 2. N 1	40	48	49½	Cloudy, more or less, cold, and but very little sun, yet fine - except a little hail at 6 pm; evening chiefly clear, & part of night.	40		
Su. 30.	·54 ·40	S 2. SW 4. SW 3.	36	47	55	Cloudy & rainy at times till noon afterwards finer but cloudy, till 5 pm - then again rainy; but a fine & clearer Evens after 6. -	51	Cuckoo very tuneful 5 a m.	·28
							Total	rain	1·07

Results for April 1854.

Barom^r	Highest on 3^d	30·63
	Lowest on 30th	29·40
	Range	1·23
	Mean of month	30·21
Thermom^r	Highest on 20th & 21st	75½
	Lowest on 25th a m	31½
	range	44
	Mean of Month	50·19
	Mean daily range	21·68

Depth of Rain 1·07 Inch; Fine days 25: Winds chiefly NE & E.

Vernal Indications in April 1854. - 1st Wryneck heard; 2nd Sycamore leaf; 6th Horse Chesnut; 7th Cuckoo heard; 8th Poplar leaf; 16th Chimney Swallow, ("Hirundo Rustica"), seen; 19th Nightingale in full song among our Shrubs; 20th House Marten ("Hirundo urbica") seen; 21st Maple minor - leaf. 30th the Cuckoo more tuneful than before. The month was remarkably fine and warm to the 22nd, and all nature earlier than usual. No great prevalence of Sickness in these parts till the last week, when the fall of Temperature brought on both Rheumatic & Catarrhal affections; also Cynanche & fever. Many old persons died, and young people under pulmonary disease. - A severe thunder-storm early in the morn^g of the 19th in Lancashire and Cheshire.

May 1854.

May	Barometer	Wind	Thermometer out doors lowest	9 a.m.	highest	Atmospheric Occurrences. -	Thermometer at 8 p.m.	notes on Nature.	Rain.
M. 1st	29·31 ·22	SW 2. SW 3. 2. 1.	45	53	58	Cloudy & hazy, some dark clouds, and rain at times. Fine Evens and rosy tinted western clouds. Cloudy night. -	51	Oak in leaf.	·05
Tu. 2.	·29 ·45	SSW 2. SW 3. W 1.	46	55	61	Cloudy, little rain at times, very black in NW - 2 pm - but soon bright with dark rocky clouds at a distance Fine evens, less wind.	53		·03
W. 3.	·57 ·61	SW 2. S 2. S ½.	46½	56	62	Cloudy with sun, some dark clouds & stormy looking, but fair. Dark & clouded Evens, and nearly calm. Very close night.	54		
Th. 4.	·70 ·74	W 2. SW 2. S 2. SE 1.	44	55	63½	Bright morn^g, with cirri & scuds; chiefly bright with heavy rocky clouds, & distant showers, a little rain here, at 2½ pm; some thunder in South, & NW. Clear & cool night. -	52	Haw thorn in flower.	·01
F. 5.	·80 ·78	Var. 0. SW 1. SW 1.	37	58	66	Quite clear & dewy morn^g; very bright and warm day, with rocky cumuli; hazy evening, and rainy signs, but clear night. -	53	Elm in leaf.	
S. 6.	·72 ·65	S 2. SSW 3 SW 3.	40	54	61	Cloudy with sun, and a cool blustering wind all day: more clouded after 2 pm, but fair. - cloudy Eve, and wind brisk. -	52		
Su. 7.	·68 ·67 ·64	SW 3. WSW 6 W 4.	48	58	63	Flying clouds & sun, with brisk wind; more wind & very blowing all the middle of the day, but mostly sun. Dark cloud - squall & shower 4 pm - and showery Evening. -	55		·05
M. 8.	·56 ·64	SW 3. WSW 4. SW 2.	45	56	60	Rain at 1 & 2 am, cloudy morning, bright forenoon, but stormy showers after 1 pm, and some hail, with thunder & lightning. Night finer.	47		·17 ·38
Tu. 9.	·75 ·87	WSW 1. SW 1. Var. 0. SE 1.	40	54	60	Cloudy with sun, stormy sky & showery at 9, but bright from 10 - till 2 pm, afterwards black with Thunder NW, and at 4 pm - a slight Thunder-shower here. Fine Evens, & chiefly sun. Thunder East (ward 8 pm.	48	A tree shattered by lightning near Eye. at 3½ pm.	·12
W. 10.	30·12 ·15	SE 1. NE 2. NE 1.	41	55	60	Bright sun, and rocky cumuli clouds, fine & drying day. - Hazy sunset, & chilly night. -	49		
Th. 11.	·05 ·16	SE 1. SE 1.	42	57	60	Hazy & cloudy, some sun, but showers about, and a little rain here at times Evening fine, calm & clearer. - Night clear & much dew. -	51		·05
F. 12.	·29 ·25	SE 0. W 1. SW 1.	37½	59	69	Very bright & dewy morn^g; bright all day, & hot afternoon, small cumuli & gentle wind: Evens cloudy - and dappled.	57	Full moon 6½ pm Ash leaf	

Rain cad over - 0·86

MAY 1854.

May.	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.	Natural notes.	Rain brot over 0·86
S. 13.	30·18 ·21	NW 1. ENE 1. E 0.	49	60	66	Cloudy & close morng, & many black knotty clouds about noon, but very warm & sun at times, very bright after 2 pm. & till 4, thunder in S. Clear & red sunset.	53	This Evening 8 pm much mist on valleys	
Su. 14.	·27 ·25	NW 0. NE 1. Var. 0.	42	60	64	Clear morng; very fine, & bright day, with cumuli clouds. — Evening more cloudy, calm and pleasant. —	55		
M. 15.	·23 ·27	NE 0. NE 1.	42	63	65	Bright morng; and a very fine sunny day, with cumuli clouds & gentle wind. Rather hazy about the sun at setting. —	52		
Tu. 16.	·30 ·32	NE 3. NE 3. 2.1.	46	53	56	Cloudy & brisk wind, more sun after 12, chiefly bright, but a very cool wind. Clear and cold Evening, and night. —	45		
W. 17.	·27 ·19	NE 0. NE 1. SE 1.	35	56	67	Clear & frosty morns, but warmer afterwards. and very bright all day, & but little wind. Hazy Evens & dappled clouds. —	54		
Th. 18.	·13 ·22	NW 1. NE 3.	47	54	55	Close, cloudy & a little rain, but finer & little sun with cooler wind after 1 pm: fine night.	48		·02
F. 19.	·34 ·33	NE 1. E 2.	43	53	60	Cloudy with sun, chiefly bright in the afternoon, & drying air from Eastward. Hazy West at sunset, but clear upward.	49		
S. 20.	·28 ·15	S 1. S 2.	39	60	70	Clear morng, bright all day & very warm. Evening hazy and thick. Close night.	54		
Su. 21.	·00 29·87	S 2. SW 3. SW 0.	47	57	64½	Cloudy, little rain 8 am, fine and bright at times from 10 till after 3, Dark clouds at 4 pm, & a close and cloudy evening. —	55		·02
M. 22.	·72 ·66	SSE 2. SW 3. S 3.	51	56	62	Cloudy, rain at times early in the morning, fine from 10 am, sun at times; but heavy clouds, and squally wind. —	57		·27
Tu. 23.	·65 ·77	SW 2. SW 2. 1. S 1.	53	56	60	Heavy rain from 7 till 10 am, then fair, and became bright at 1 pm, & so continued, but some dark rocky clouds floating. very bright Eveng.	55		·53
W. 24.	·84 ·87	SE 2. SE 4. S 1	43	57	64	Bright morng, with electric fragmentary clouds, chiefly sun all day, but rather windy & many cumuli. Evening bright, but a haze about South & West. —	55		

Rain carᵈ up — 1·70

MAY 1854.

May.	Barometer	Wind.	Thermometer out doors: lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm	Natural notes.	Rain brought up 1·70
Th. 25.	29·92 ·90	S 1. S 2.	45	58	65	Bright with cumuli clouds, and gentle wind. — Some stormy clouds at a distance; and a shower at 4 miles West 8 pm. —	56		
F. 26.	·80 ·82	SE 1. S 2. SW 1.	44	55	62	Heavy showers at 6 am, finer & some sun after 8, thunder showers in SE, at 11½ am, & 1 pm. Rocky and dark clouds about, but fine here. —	55	new moon 8¾ pm.	·21
S. 27.	·82 ·72 ·80	S 2. SSW 4. SW 1.	44½	57	60	Bright morns, but soon lowering & distant Thunder; heavy shower of hail & rain at 10 am — & sharp thunder-storm 1½ pm. — Finer evens, but stormy sky & distant nimbi.	52		·13 ·08
Su. 28.	·83 ·84	SW 3. SW 2. SSE 1.	44½	58	65	Scuds and sun, bright & warm from 9 till 12. then black with much thunder & lightning SE till near 2 pm; again fair & sunny, but continual Thunder Northward till near 4. — Very hazy Evens, & darker in South.	55		
M. 29.	·72 ·75	W 3. SSW 4. S 4 SW 2.	44	55	63	Heavy rain from 1 till 4 am, & wind in squalls veering from S to W. — very stormy sky, but fine from 5 till 12, frequent showers & hail with distant thunder all the afternoon:	54		·85 ·12
Tu. 30.	·86 ·95	SW 1. SW 2. 1.	47	57	66	Blue haze & close morns, thunder in the North 9½ am then bright all day, except a little flying shower 3 pm. Evening fine & bright. —	58		·01
W. 31.	30·08 ·11	W 1. SW 1.	48	61	71	Bright and very warm, with cumuli, & some cumulostrati. Calm & bright Evening. — Very fine night & chiefly clear. —	59	mist on the valleys 10 pm.	
								Total rain	3·10

Results for May 1854. —

Baromʳ.
- Highest on 19ᵗʰ — 30·34.
- Lowest on 1ˢᵗ — 29·22
- range — 1·12
- Mean of month — 29·91

Thermomʳ.
- Highest on 31ˢᵗ 71°.
- Lowest on 17ᵗʰ — 35.
- range — 36
- mean of month — 53·46
- Mean daily range 18·82

Winds chiefly SW; rain 3·10 Inches, fine days 16. —

This was a showery month & much cloud at times, but vegetation was not much checked, as it had been early set off. — Oak in leaf on 1ˢᵗ; Hawthorn flowered on 4ᵗʰ; Elm in leaf on 5ᵗʰ; Ash partially on 12ᵗʰ but many remained bare till near the month's end! This was remarkable.

June 1854.

June.	Barometer	Wind.	Thermometer out doors lowest	9 a.m.	highest	Natural Occurrences.	Thermom. 8 p.m.	Natural notes.	Rain.
Th. 1st.	30·09 ·01	NE 2. ENE 3. NE 3.	44	60	66	Bright morng; and a fine warm day, chiefly sun, but many electric clouds in cross currents, most of them Southerly. Eveng cloudy & cool.	51	Dog rose open.	
F. 2. □ ⊙ ♂	29·86 ·84	NE 3. NE 4. 5.	50	55	59	Cloudy more or less all Day, and cool breeze: little gleams of sun at 3 & 4 pm. Eveng. & night cloudy, & windy.	52		
S. 3.	·86 30·03	NE 4. NE 5.	47	55	60	Cloudy & windy: but sun at times bright, very cool for the season, but fine & parching.	54		
Su. 4. Whitsunday.	·78 ·25	NE 3. NE 2 1.	46	59	61	Bright with cumuli clouds, very fine & drying, but cool. The evening more cloudy but less wind	53		
M. 5.	·22 ·24	N 2 NE 3. 2.	48	55	59	Cloudy more or less, and very cool for the season, little gleams of sun at times; evening more clouded, & cold breeze. —	50		
Tu. 6.	·14 ·17	NE 2. N 4. 3.	48	55	58	Cloudy & very cool wind, little sun about noon, but chiefly cloudy all day alike, and unseasonably cool. — Breezy night.	49		
W. 7.	·15 ·21	N 4. N 2. 1.	49	54	56	Cloudy & windy more or less all day, & very cool; but wind less at eve, and rather warmer. Night cloudy & still	50		
Th. 8.	·17 ·15	NW 3. NW 2. 0.	49	59	61	Cloudy with sun, & fresh breeze, very fine & pleasant: evening chiefly clear, but hazy & Sun set red. —	56		
F. 9.	·09 ·05	SW 0. SW 1. 0.	50	59	64	Curdled & bright, calm morning; but cloudy after 7, many clouds during the Day, but close & fair with sun at times.	59		
S. 10.	29·98 30·02	W 2. W 4. W 0.	51	59	63	Cloudy, with sun and brisk wind. Evening bright, and very little or no wind. Sun set clear. Full moon 11½ pm.	60		
Su. 11.	29·98 ·86	SW 2. SW 5. 4.	46	59	67	Cloudy with sun, and blue haze with brisk wind - but very fine. Evening cloudy and brisk wind also. - but a close night. —	60		
M. 12.	·72 ·68 ·73	SSW 4 5. - SW 4. W 1.	56	62	67	Cloudy & windy morng, but warm, clearer at 1 pm, followed by a dark cloud at 2¾ pm & heavy shower, afterwards bright and wind less. Another heavy shower 5½ pm. then a bright & calm Eveng.	60 60	wheat ears appearg.	·16 ·11 ·06

Rain carried up - 0·33

June 1854.

June.	Barometer	Wind.	Thermometer out doors lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Notes.	Rain 0·33
Tu. 13.	29·78 ·70 ·79	SW 3. SW 2. 1. —	49	59	63½	Scuds, wind & sun, followed by showers from 10 till noon, fine afternoon, & chiefly sun with mixed clouds; Evening in part cloudy. —	59	Thunder.	·07
W. 14.	·82 ·85	WSW 3. WSW 1	51	60	65	Bright morng, with scuds below, and a fine pleasant afternoon, light beds of cloud, gentle wind, & sun. Curdled clouds all the Eveng & rather electric.	59		
Th. 15.	·82 ·89	SW 0. SE 1	51	62	66	Calm, close & hazy morng; and a very close day, hazy & cloudy, but warm. Evening clearer & very warm, and the night chiefly clear.	61		
F. 16.	·96 ·83	E 1. E 2.	51	63	63½	Hazy & close, became cloudy more or less, after a bright forenoon, a lowering & misling afternoon: Evening quite cloudy & some misling. —Close night.	57		·04
S. 17.	·69 ·75	SW 1. SW 2.	56	64	69	Very close, cloudy & damp morning; became clearer at 11 am, some sun, & very warm, with mixed clouds; Eveng bright. Clear night.	59		
Su. 18.	·91 ·94	SW 2 S 1. S 0.	48	65	71	Bright and hot forenoon, but hazy and close afternoon, with much electric cloud. — Hazy calm & very pleasant evening.	60		
M. 19.	30·03 ·08	SW 2. S 3. 2-1.	49	63	68	Bright morng; and a fine sunny day, with flying cumuli. — Sun set red in dusky haze. —	62		
Tu. 20.	·04 ·00	W 1. NW 2 W 0.	46	61	65	Close & hazy, but very fine & warm, some sun at times; evening very hazy, calm & close: — and the night the same. —	61	Hay-making commencing	
W. 21.	·10 ·18	W 1. W 0.	50	63	66	Bright from sun rise, but many light clouds followed after 8 am, yet a fine warm day, and sun at times; the Evening close & calm, with curdled sky.	61		
Th. 22.	·19 ·22	W 1. SW 1. Var. 0.	56	64	71	Sultry & misling morng, fine after 8 and became a bright & hot afternoon, very little wind and few clouds; and the Evening hazy, close & electric. —	66		·01
F. 23.	·23 ·27	SW 1. W 2. W 0.	58	69	80	Very sultry, close, & dappled morg, - bright day after 10, and very hot; Evening calm, hot & sunny, with electric dappled clouds, and a hot night.	72		
S. 24.	·28 ·23	W 1. SW 1. & 0.	61	70	79	Very hot morng sultry heat all day, hazy & oppressive, some sun, & many electric clouds. Eveng hazy & very hot. Scarcely any wind, and a very sultry night. —	72	Some grass-hay carted in good order.	

Distant Thunder SW - on 24th afternoon. — (Rain card over ·45

June 1854.

June.	Barometer	Wind.	Thermometer out doors. Lowest	9 a.m	Highest	Natural Occurrences.	The state of vegetation &c.	Thermometer 8 pm	Rain 0·45
Su. 25. New moon at noon. △♀♂	30·17 –·11 –·07	SW₀ SSE₁ E₂. SE₂	60	70	79	Hot, close & hazy morng, became bright after 9, very hot, & electric, but more wind from 2 pm, many small electric clouds. Hazy evens, calm & very sultry; more wind after 8 pm, but a very sultry night.—		71	
M. 26	29·88 –·79 –·80	E₂. SE₃ S₃: SW₃. 4–5.	62½	71	76	Cloudy, & rain at times from 3 a.m, till near 7 a.m, then clearer, with many small electric clouds, & very sultry: more clouds & more wind after 11 a.m, bright afternoon, flying clouds & windy.— Evens rather cloudy & less wind, but more again after 8 pm.—	wheat in blossom	59	–·20
Tu. 27. △♀♃	–·90 –·93	SW₃. SW₄ 2.	52	62	69	Bright with flying clouds; fair for the most part, but some distant rains after 1 pm. and a little flying shower here at 3½ pm. Evens hazy, & some dark clouds.	wheat shed their blossom	60	·02
W. 28.	–·83 –·80	SE₂ SE₁	53	63	68	A shower about sun-rise, bright morng & rocky clouds, fair & sunny till 2 pm, then cloudy & some rain at times till 6 pm. Finer Evening.— Shower at midnight.—		58	·04 ·07
Th. 29. △♂♃	–·74 –·73	SE₀ W₂. Var₀	50	62	67	Bright morng, but heavy nimbi in South, chiefly bright all day, but many rocky clouds; clear evening, but cloudy after 9 pm.—		61	–·05
F. 30.	–·77 –·92	W₁ NW₁ NE₁ NE 0.	53	63	65	Bright with hazy sky, and rocky electric clouds, heavy clouds from NE at 10½ a.m, and continual Thunder in several points, till 2 pm, little rain here at noon, but the Thunder-storms glided round us. Became bright after 3 pm, & the Thunder-clouds settled in SW. Evening fine & calm, chiefly bright but hazy.–		59	·08
								Total =	0·91

Results for June 1854.

Barom^r:
- Highest on 24th 30·28.
- Lowest on 12th 29·68
- Range 0·60
- Mean of Month 30·004

Thermom^r:
- Highest on 23^d 80°
- Lowest on 1st 44
- range 36
- Mean of month 59·04
- Mean daily range 15·05

Winds chiefly SW, & NE:—Rain only ·91 of an Inch: & Fine days 23.

This was a dry month, but often cloudy & cool, except the period from 22nd to 26th which was very hot.—

Dog rose flowered on 1st; Wheat ears seen on 12th, and blossomed on 26th.

July 1854.

July	Barometer	Wind	Thermometer out doors. Lowest	9 a.m	Highest	Natural Occurrences.	State of vegetation &c.	Thermometer 8 pm	Rain.
S. 1st.	30·00 –·05	SW₁ W₁ W₀	53	58	63	Gentle rain from 4 a.m till 7 a.m, fine but chiefly cloudy in the day, little sun at times. Close evening & little misling at times.		58	0·26
Su. 2.	–·09 –·05	W₀ SE₁ SW₂ 1–0.	55	62	67	Foggy & close morng; cloudy with little sun about noon, and pleasant afternoon with more sun from 4 pm; Evening chiefly bright & serene:—very little or no wind, but hazy after 8 pm.—		63	
M. 3.	29·98 –·81	SSW₂ SW₃. S₂.	57	63	71	Lightly cloudy, & more or less cloudy till noon, then brighter, very warm & sunny afternoon, with dotted beds of electric cloud; Evening more electric & curdled.	wheat grain forming.	66	
Tu. 4.	–·72 –·70	S₁. SW₃. WSW₁	59	63	69	Close & cloudy with distant Thunder, fine & some sun, with much mixed cloud till 1 pm, a flying shower then, & at 7 pm, but the rest of the afternoon fair, and the night fine.—	Cuckoo sung much early a.m.	63	·02 ·02
W. 5.	–·80 –·88	SW₂. SW₂ S₁.	54	62	70	Bright morng; and chiefly fine till 2 pm, but many electric clouds, and some heavy storms passing on both sides; some showers here at 2½ pm & 8 pm.—Thunder in NW—7½ pm.—	Barley grain forming.	59	·12
Th. 6.	–·86 –·88	SW₁. SW₁. S₀.	53	61	67	Bright morng, with loose cumuli, many dark clouds with distant showers, but fine here & chiefly sunny. Evening calm & hazy, with rocky clouds in S & W.		60	
F. 7.—	–·91 –·90	SE₀ SE₁ E₁.	48	59	65	Hazy morng, & light clouds, close and hazy all day, but brighter after 2 pm, & till near 4, afterwards cloudy & gentle rain all the Evening, but fine after 9 pm.—		56	·18
S. 8.	–·87 –·88	NW₁ W₁. W₁.	53	60	66	Cloudy, more or less all day, little sun, & very little wind. Heavy rocky clouds in the Evening, & a heavy lingering shower after 7 pm.—		58	·30
Su. 9.	–·90 –·95	S₁. SE₂ SE₃ 2–1.–	47	64	72	Bright morng, and very bright with cumuli in the day, hot, with very little wind till noon, afterwards more, and very distant Thunder clouds on SW horizon, all the afternoon; bright Evening.—		62	
M. 10.	30·00 –·05	NE₀ N₁. NW₁.	50	62	65	Fog till 7 a.m, bright till 8½ a.m, afterwards cloudy more or less, & very little sun: cloudy evens & little wet at intervals. Night cloudy.—	Full moon 6½ a.m.	56	·06
Tu. 11.	–·03 29·98	NW₀. W₂. W₂.	52	58	61	Cloudy more or less, very little sun, and clouds dark. Few drops of rain at times. After 8 pm—much misling.—		57	·05
W. 12.	–·87 –·95	W₁. NW₂ NW₂	53	59	60	Dark & rainy morng; and frequent light rain during the day, very lowering and unpleasant, the evening the same as the day.—		55	·21 ·07

Rain carᵈ over —— 1·29

JULY 1854.

July	Barometer	Wind	Thermometer out door: lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.	Sundry notes.	Rain Bt over 1.29
Th. 13.	29·97 ·95	W 1. W 1. W 0	51	62	66	Thinner clouds & sun; but cloudy in the middle of the day till after 2 pm. then much clearer. Calm & warm Evening, but hazy; & the night close.	61	currants ripe.	
F. 14.	·89 ·87	W 0. W 1. WSW 1	54	63	66	Bright & curdled morng; fine & warm day, with much cloud at times; dark & lowering at a distance: cloudy & close evening, & night.	62		
S. 15. 8 ⊙ 4	·91 30·04	SW 2. SW 2. W 0	57	64	67	Flying clouds & close morng; fine day, and a sunny afternoon. Evening bright & calm. Clear and dewy night. —	62		
Su. 16.	·22 ·24	Var. 0. SE 2 SE 0	50	66	76	Clear morng, heavy dew: very bright and hot day, with light electric clouds; very sultry evening, and close & hazy night. —	66		
M. 17.	·22 ·17	SW 1. S 2. S 1.	56	61	70	Very close & cloudy morng; trifling rain at 6 & 8 am. fine day and warm, but much cloud, and a close hazy night. —	63		·02
Tu. 18.	·14 ·12	S 0. SE 2 SE 1. & 0.	57½	65	73	Cloudy, close, & electric, chiefly fine & bright after 10 am, with rocky mixed clouds, but a short heavy shower 2½ pm. Evening clear, but hazy & dappled in SW. —	64		·04
W. 19.	·13 ·15	S 1. SSW 2 S 1.	54	70	75	Bright with light cirri, & very hot day, some dotted beds of electric cloud; hot, eveng, & chiefly clear. Fine serene night. —	68		
Th. 20.	·23 ·27	S 1. SE 1. SE 0.	55	69	79	Very fine, bright & hot; with dappled sky, much hotter in the afternoon & very distant Thunder westward. Evening fine & hot, with electric clouds.	68		
F. 21.	·29 ·34	NE 0. W 1. W 1 SE 1. 0.	52	70	82	Hazy morng, but after 8 became bright, continued very bright and extremely hot, very little wind, & but few clouds, cirri & cumuli. Brilliant eveng, & golden sunset, afterwards hazy, & gentle wind. — — Foggy after midnight	70		
S. 22.	·35 ·31	SW 1. SSW 1 SW 0.	56	76	87	Very bright, all day, & excessively hot, no cloud, & but little wind. Evening quite clear, very hot, & sun set in full splendor. Night clear. —	76	corn-fields yellow in maturing	
Su. 23.	·31 ·30	S 0. SW ½. E 1.	56	77	88	Quite clear, very bright & excessively hot, so continued all Day, and the Eveng clear, & golden ⊙ set. A light breeze at E after 8 pm.	76		
M. 24. * ☿ ♄	·31 ·27	E 1. E 2.	56½	77	84	Quite clear, and excessively hot, with fresh breeze. Some electric cumuli in SE. after 4 pm, in current from SW. — Foggy during night.	70		

Rain carried up — 1·35

JULY 1854.

July.	Barometer	Wind.	Thermometer out doors: lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.	Sundry notes.	Rain Bt up 1·35
Tu. 25.	30·23 ·24	NE 1. NE 1. E 1.	61	75	83	Foggy morng, & electric dappled clouds above the fog: became bright after 8 am, and continued bright & extremely hot all day, some small electric clouds, & little wind at times. Eveng bright & dappled upward. — Night rather cloudy.	68	new moon 3 am	
W. 26.	·30 ·28	NE 2. NE 3.	60	67	68	Cloudy more or less, but became partially bright after 9, for a short time, then again chiefly cloudy, & much cooler. —	60		
Th. 27. * ☿ ♂	·27 ·30	NE 2. NE 3.	56½	65	67	Cloudy, more or less, and but little sun, but very fine, & a brisk wind: Eveng in part cloudy with some sun.	60		
F. 28.	·34 ·37	NE 2 NE 2	50	66	67	Bright morng, and fine day, with many clouds & sun: evening chiefly sunny & cool breeze. — Night very cool. —	58		
S. 29.	·34 ·31	NE 1. SE 2 SE 1.	42	64	73	Clear, heavy dew, & very cool morng, but soon much warmer: bright and hot day, with cumuli & fresh breeze; and a warm Eveng & night.	61		
Su. 30.	·15 ·02	SE 1. SSE 2 S 0.	55	71	78	Hazy & electric but partially bright, very hot, close, & sultry day, much electric cloud, & distant Thunder in West, after 3 pm and all the Eveng in NW. but clearer after 7; calm & hot eve.	70	corn-fields very yellow	
M. 31. △ ♂ ♄	29·92 ·82	S 0. W 1. S 2 SW 1.	62	70	76	Very sultry, but became brighter after 9, very hot, till near noon, then a heavy storm & thunder at 12; sultry afternoon & a violent thunder storm 3 miles ESE. 4 pm and the evening showery here, with lightning and Thunder.	68		·20 ·27 ·10

Total rain = 1·92

Results for July 1854.

Baromr.	Highest on 28th	30·37	Thermomr. Highest on 23rd	88°
	Lowest on 4th	29·70	Lowest on 28th night	42
	Range	0·67	range	46
	Mean of Month	30·08	Mean of month	62·84
			Mean daily range	17·59

Rain 1·92 Inch. Fine days 20. Winds SE. and SW.

This was a seasonable month, with some very fine and hot weather during the latter half, and while it hastened on the corn, it proved favourable for the latter hay-harvest. Both grass and corn a promising crop, and the Wheat finer than for some years past. Public health pretty good all the month. —

AUGUST 1854.

August	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural Occurrences	Thermometer 8 pm	Notes	Rain
Tu. 1.	29·77 ·83	W 1. SW 1. SW 0.	62½	67	70	Heavy shower at 2 am, very close and sultry morng; fine & pleasant day, and chiefly bright after 10 am, and small cumuli clouds; more rocky in the Eveng.	63		·14
W. 2.	·81 ·91	SW 1. W 4. NW 3.	54	66	68	Bright morng, but many clouds after 9 am, chiefly fine, & some sun, but sometimes lowering & slight misling. Cloudy evening & less wind. —	62		
Th. 3.	·97 30·01	NW 1. N 2.	57	61	65	Cloudy, more or less, & but little Sun, but brighter after 4 pm. Cool wind & very cool Evening, but less wind.	59		
F. 4.	·00 29·94	W 3. NW 3 NW 4 3.	54	56	58	Lowering & showery from 5 am, and continual rain from 8 till near 11, and afterwards rain at times, more or less, a dark, cold & unpleasant day. Eveng & night, continual rain & heavy after 12.	56	The greatest rain in two Days, almost ever known here.	·78
S. 5.	30·03 ·12	NW 4. NW 4. NW 2.	54	58	60	Very heavy rain through the night till 7 am, and frequent rain in the day, wind squally & sky lowering, but the evening finer & rather less cloudy.	59		1·08 ·39
Su. 6.	·18 ·21	NNE 1. NE 2. NE 1.	56	63	67	Cloudy, clearer after 8 am, fine day, chiefly bright, & loose cumuli clouds; evening cloudy in part, scuds & cirri, with a cool breeze. —	58		
M. 7.	·20 ·19	NW 1. NW 0.	52	60	62	Cloudy more or less, little sun at times, & cool breeze, but fair; eveng bright, with curdled clouds, & very little wind. —	57		
Tu. 8.	·19 ·13	E 0. SE 1. SE 1.	53	61	66	Clouds & sun, pleasant day, & more so in the afternoon, more sun & but gentle wind. Evening bright, but rather hazy with cirri in West. —	62	Full moon 1 pm. harvest began	
W. 9.	·11 ·04	S 1. SSE 2 SE 1. 0.	56	67	73	Hazy but bright; during the forenoon with curdled electric clouds; became darkly clouded after 1 pm, but still close & hot. Little shower at 3½ pm afterwards a bright Evening, till 7, then close & dark. —	67		·02
Th. 10. □ ♂ ♃	29·98 ·94	SW 0. W 1. Var 0.	57	66	71	Cloudy close, & light rain at 6 am, the day chiefly fine & hot sun at times. Much thunder all the afternoon, in S, SE, & E: and very electric clouds; thunder all the Eveng, South & North.	62	great meteor from E to W. at 8½ pm.	·10
F. 11.	30·04 ·10	W 1. W 2. 0.	55½	65	72	Bright and hot, with rocky clouds. Pleasant eveng, curdled & calm, but chiefly bright. Close night. —	64		
S. 12.	·07 ·02	SW 2. SW 2.	60	67	72	Sultry, lightly cloudy & warm breeze, a very fine day, hot, and breezy. — Evening partially cloudy, and less wind.	64		

Rain car^d up — 2·51

AUGUST 1854.

August	Barometer	Wind	Thermometer out doors: lowest	9 am	highest	Natural Occurrences	Thermometer 8 pm	Notes	Rain 2·51
Su. 13	30·07 29·94	S 1. SE 2. SE 2.	57	68	80	Close & hazy, became bright & hot, from 9 am: bright and very hot day, with rocky cumuli; and the evening very electric, with cirri & dappled clouds. — Close & hot night, with distant tempest in South. —	68		
M. 14.	·90 ·91	SE 0. S 2. SW 1. 0. W 3.	63	68	77	Very close & hazy, with electric clouds, clearer from 10 am, bright and very hot, with rocky clouds: black in SW at 4 pm, followed by a gentle shower, but heavier at a distance in NW. Bright Eveng, but very rocky about horizon SW to NW. A squall of wind with short shower from some dense clouds at 8½ pm: then a fine night.	68		·04 ·04
Tu. 15. *☉♂ □♀♂	·97 30·01	W 1. SW 2. SW 1.	53	62	70	Bright morng: but much rocky electric cloud after 9 am, a few trifling showers, but chiefly fine & sunny. Distant storms in SE, 6 pm, but a bright Evening here. —	59		·03
W. 16.	29·97 30·02	Var. 0. NW 1. NW 1.	48	60	67	Hazy & foggy morng; became bright & continued fair & chiefly sun, till 4 pm: then very black at NW, followed by a heavy thunder-shower, till 6½ pm: much Thunder in the East afterwards. Night fine.	56		·30
Th. 17.	·08 ·12	W 2. W 2. NW 1.	50	59	64	Bright, with cumuli & cool breeze, in the forenoon, a shower at noon, & much thunder in SW. NW. & N, from 1 till 2 pm chiefly fine here, but a shower at 6 pm, & heavier in SW, with Thunder. — Night fine but cool. —	56		·12 ·05
F. 18.	·21 ·27	NW 1. NW 2. W 0.	48	59	68	Bright, with little haze, & light clouds; cleared off after 1 pm, very bright & warm afternoon, and a calm and brilliant Evening. — Hazy night. —	61		
S. 19.	·26 ·19	SW 0. SW 2. 1. 0.	55	66	75	Lightly cloudy & close morng; bright & hot Day, with thin clouds; cloudy calm & very sultry eveng & night. —	69		
Su. 20.	·13 ·12	W 1. SW 1. 0.	61½	66	76	Cloudy & sultry morng; became bright & very hot, with light clouds. — Eveng very hot, close & sultry. —	71		
M. 21.	·00 29·88	SW 1. SW 0. SW 2.	59	66	72	Hazy, with grey clouds, bright after 8 am but at 9 became cloudy & a little rain. fair & sultry at noon, but very cloudy and steady rain from 1 pm, till 4 pm. Eveng showery.	64	Distant Thunder.	·20 ·03
Tu. 22.	·96 30·07	WSW 2. W 3. W 1.	55	65	71	Bright morning, and a fine bright day, warm, with cumuli clouds, but a black cloud in NW and N, at 5 pm with thunder at 4 miles North. Distant showers at 7½ pm, & lightning in E & SE, at 9 pm: — little rain at 8 pm.	59		·02

Rain carried over — 3·34

August 1854.

August.	Barometer.	Wind.	Thermometer out door. Lowest	9 am	Highest	Natural Occurrences.	Thermometer 8 pm.	notes.	Rain 3·34
W. 23.	30·23 ·14	W 1. SW 3. SW 4.	51	62	67	Little hazy but bright, more hazy & much cirrus, but fine till after 4 pm; then windy clouded & little rain; close & overcast evening, little rain at times.	61	New moon 6 pm.	·05
Th. 24.	·02 29·98	SW 3. SW 5. W 2	58½	67	72	Warm breeze, but bright morn g; windy day yet very warm & chiefly bright till 4 pm then distant showers in S. & curdled arcs across zenith. — Heavy showers in N. at 7 pm & rocky dense clouds. —	64		
F. 25.	30·20 ·42	W 3. NW 3. N 1	54	62	66	Bright morn g, with parching breeze, very fine sunny day, & cool wind, but less wind in the Even g, & very bright.	59		
S. 26.	·45 ·48	NW 2. W ½. Var. 0.	47	63	71	Heavy dew, cool morn g, but bright & very electric dappled sky, warm day, and became close & thinly overcast after 3 pm; Even g sultry, cloudy, & quite calm. —	67		
Su. 27.	·51 ·52	W 0. NW 1. NW 0.	61	68	75	Close, sultry & calm, became bright & hot with thin clouds till after 1 pm, then more cloudy till 6 pm, afterwards chiefly bright: calm & hot even g.	68		
M. 28.	·55 ·59	NE 0. Var. 0. SE 1.	63½	71	80	Exceedingly close & sultry morn g, slowly cleared off, and very bright afternoon & extremely hot: and the Evening very hot, & electric. — Distant lightning 9 pm.	69	The lightning was in ESE. at 9 pm.	
Tu. 29	·57 ·53	Var. 0. Var. ½. SE 1.	57	72	80	Fog early, became bright at 8 am, so continued all day, and extremely hot; little haze & cirri at eve, with a gentle breeze: sun set clear & red. —	67		
W. 30.	·42 ·31	SE 0. SW 1. W 1.	60	73	84	Quite clear, very bright, and excessively hot, with gentle breeze at times: sun set red & clear, a few electric cirri, otherwise clear, & very hot Even g. —	72		
Th. 31.	·31 ·41	W 1. NE 2. NE 3.	59	65	67	Hazy & electric, afterwards clouded more or less, & a cooler breeze. Afternoon very pleasant & sunny, light clouds, & fresh breeze. — Clear ⊙ set, and cool & clear night.	57	Total —	3·39

Results for August 1854.

Barom.r	Highest on 28th — 30·59		Thermom.r	Highest on 30th — 84°
	Lowest on 1st — 29·77			Lowest — 26th am — 47
	Range — 0·82			Range — 37
	Mean of Month — 30·13			Mean of Month — 63·18
				Mean daily range — 14·62

Winds chiefly SW & NW; Rain 3·39 Inches; Fine days 20. —

This was a fine and seasonable month for Harvest and the Crops good, even surpassing any for some years. — Most of the rain fell on the 4th & 5th, else it was a dry month. — Very little of sickness in rural districts, but Cholera prevailed in London Liverpool, and some other large towns.

September 1854.

Sept.r	Barometer.	Wind.	Thermometer out door. Lowest	9 am	Highest	Natural Occurrences.	Thermometer 8 pm.	notes.	Rain.
F. 1st.	30·45 ·47	NE 1. E 2. ESE 1.	45	63	69	Bright all day, with fresh breeze and small cumuli. — Even g clear except a few cirri. — Fine and dewy night. —	55		
S. 2nd.	·50 ·52	ESE 0. SE 2. SE 0.	47	68	74	Very red sun-rise, bright morning, continued bright & very hot, with lofty cirri. Clear evening & very dewy night. — Fog after 12 pm. —	60		
Su. 3.	·52 ·52	SE 0. SE 1. E 0.	46	68	77	Foggy till 7 am; afterwards very bright and very hot, no clouds, and the sun set in purest golden lustre. —	63		
M. 4.	·49 ·47	E 0. SE ½. SE 0.	46	72	82	Fog below, clear upward, became bright after 7 am, extremely hot and clear, all day, no cloud, & very little or no wind. Sun set in full lustre. —	67		
Tu. 5.	·56 ·60	NE ½. E 2. NE 0.	52	65	69	Foggy morn g, afterwards cloudy till after 12, then bright with small clouds & fresh breeze. Clear ⊙ set, and very dewy night. —	58		
W. 6.	·52 ·42	NE 0. NE ½. 0.	45½	65	73	Quite clear, & heavy dew; very bright all day, and very hot, with very little wind. Clear orange ⊙ set, and clear night, but less dew. —	64	Full moon 9 pm.	
Th. 7.	·37 ·36	NE ½. N 1. NE 1.	49	65	68	Clear, very bright till 8½ am, then cloudy & close, with little sun at times; Cloudy evening & rather lowering, but fair.	60		
F. 8. □⊙♄	·38 ·33	NE 1. NE 2. 1.	51	59	63	Cloudy with sun, & cool breeze, more clouded after 3 pm, and very cool & cloudy even g.	56	Harvest almost generally concluded.	
S. 9.	·32 ·30	NE 1. NE 0.	49	59	62	Clear morn g; & bright till 10 am, afterwards more or less cloudy, and very little wind. Calm & close even g.	58		
Su. 10. △⊙♃	·34 ·34	NW 0. Var. 0 SE 1.	53	62	66	Calm with thin grey clouds, became bright & very warm, with small grey clouds; evening chiefly clear, and a little more wind. —	58		
M. 11.	·33 ·28	E 0. SE 2. S 1.	42	63	70	Calm & clear, much dew at first, but cloudy after 6, became bright & very warm from 11 am; very clear afternoon & even g: pure golden ⊙ set.	60		
Tu. 12.	·20 ·07	SE 0. SSE 2 S 2.	45	67	78	Fog early, very bright after 7, continued bright, and very hot, with a fresh breeze: little hazy with cirri at sun-set, very hot night with gentle breeze.	67		
W. 13.	·03 ·06 29·97	SW 2. SW 2. S 3.	62	66	72	Gentle rain from 5 am, till 8 am, very sultry morn g; fair & hot from 10 till 3, with rocky clouds, then again lowering and little rain during evening. — wind gusty, but a sultry night.	67		·17 ·04

Rain car.d over — 0·21

September 1854.

Septr.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Notes.	Rain Brot over 0·21
Th. 14.	29·90 ·85 ·89	SW 3. W 6. W 1 SW 1.	62	66	70	Cloudy & sultry morng: lowering with more wind, a gale at noon for 10 mins. afterwards windy & cooler till 3pm, after which time, wind fell away; fine eveng & night. — Trifling rain about noon.	59		·02
F. 15.	30·07 ·08 ·07	SW 2. SW 1 S 2.	56	63	71	Hazy, and mottled sky; became bright at 11am, very fine, sunny & warm afternoon. Evening more clouded & electric. Exceedingly close and sultry all night.	65		
S. 16.	·01 29·95	SW 2. SW 3. SW 4. 2. 1.	63	69	76	Sultry morng, but bright after 10, with flying clouds, parching breeze & very hot, the heat continued all the Evening, with an uncommonly oppressive sultriness, although a brisk wind. Some very black clouds at 8 pm, less wind after 9.	71!		
Su. 17.	·89 30·01	SW 1. WSW 2 WSW 2 1.	65	66	74	Excessively sultry, dark & little rain from 7 am, till after 8 am, then clearer bright and hot day, with rocky cumuli & cirri. Red & dappled evening sky, and very fine night.	64		·02
M. 18.	·17 ·21 ·14	W 1 SW 3. SW 5.	54	65	70	Clear, very bright and warm till 1pm, then hazy & some clouds, with brisk wind, and a dark clouded evening with a little wet after 8 pm. —	62		
Tu. 19.	·09 ·17 ·15	W 2. W 1. SW 2.	54	58	67	Cloudy & light rain from 6 till 8 am afterwards fair & sun at times; close sultry and cloudy from 4 pm. Close evening and night, with much cloud. —	65		·15
W. 20.	·05 ·02 ·07	SW 3. W 1 W 1.	60	66	69	Very warm & dappled sky, with brisk wind, fine till 1pm, afterwards cloudy, little wet at 2 pm, then fine & a bright eveng with dappled arcs of cloud, — red with sun-set.	56		·03
Th. 21. All the storms came up N.N.W. & passed to the SE. —	·16 ·20	W 2. W 4. Var. 1. NW 4 Var 1.	50	59	65	Fair & clear, bright with a drying wind & small clouds till 3pm, then black in North, with Thunder. — A sharp storm at 4 with vivid lightning and severe Thunder close by, & passed from NNW to S; another passed across SW soon after: and at 6 pm a most awful one passed NE at 5 miles distance, the lightning dreadful & the Thunder very severe: afterwards a fine Eveng.	53		·16
F. 22.	·37 ·40 ·36	WNW 2 NW 3 SW 1.	45	53	60	Clear & cool morng; bright all day, with cumuli clouds, and cool breeze; The Eveng very electric, with rocky cumulostrati & knotted groups. —	53	New moon. 8 am.	
S. 23. *84	·30 ·32	NW 1. NW 2 W 3.	50	56	61	Foggy morng, then dark & cloudy with little rain at times; but chiefly fine. Cloudy evening and night, and more wind. —	56		·02

Rain card up 0·61

September 1854.

Septr.	Barometer	Wind	Thermometer out doors: lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Notes.	Rain Brot up 0·61
Su. 24.	30·16 ·05	SW 4. SW 6. W 3.	54	62	69½	Windy & flying clouds, & bright sun; more cloudy after 1 pm and wind much increased to a gale. A hasty shower 6½pm — then fine & wind much less. —	60		·04
M. 25.	·30 ·43	W 3. NW 3. NW 0	46	56	62	Clear & parching wind; continued bright all, with brisk air, & cumuli clouds; clear, calm & cold evening, — and the night clear & much dew. —	49		
Tu. 26.	·47 ·44	W 0. W ½. Var. 0.	44	57	67	Very fine dewy morng; bright, calm, and warm day, sun set red in ash-coloured haze. Clear night & very heavy dew. —	56		
W. 27	·49 ·45	E 0. SE 2. SE 2	44	62	69½	Clear, & much dew; very bright and hot day, with a fresh breeze, very dry, and parching. — Evening clear with a cool breeze. — Night also clear. —	54		
Th. 28.	·34 ·26	E 1. SE 2. E 1.	47	62	68	Quite clear, very fine and bright all day, fresh breeze, & very warm; Evening & night also clear, — and rather frosty. —	53		
F. 29.	·23 ·22	E 0. NW 0. W 0.	39½	56	70	Little hoar frost, calm & clear; very bright all Day, & became very hot from 11am — the sun-beams unusually powerful at 2pm, Clear eveng, & red haze below. —	58	much Gossamer floating	
S. 30.	·27 ·29	NE 0. W 1. W 1. Var. 0.	43	56	68	Quite clear, heavy Dew, very bright all day, and hot for the season; gentle breeze, & little haze below; sun set red in a cream-coloured haze. — Calm and clear night, and still hazy below. —	54		

Total rain 0·65

Results for September 1854.

Baromr.	Highest on 5th — 30·60.	Thermomr.	Highest on 4th 82°.
	Lowest on 14th — 29·85.		Lowest 28th night 39½
	Range — 0·75		Range — 42½
	Mean of Month 30·27!		Mean of month 59·81.
			Mean daily range 19·03.

Rain only ·65 of an Inch; fine days 22. Winds chiefly S.E. & W.

This was a very dry & hot month, highly favourable for latter Harvest, and other field work. The crops heavier than for many years: the Public health good in rural parts of the land, but in many large towns awfully sudden deaths occurred from a dreadful disease like the Plague 300 & 200 yrs since. — In London the deaths greatly increased to the middle of this month, and Ipswich & Norwich had some similar cases. The Small-pox also prevailed in Ipswich all the month!

October 1854.

October	Barometer	Wind	Thermometer outdoors lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm.	notes.	Rain.
Su. 1	30·33 ·28	Var. 0 SE 1 SE 0	41	52	69	Foggy morning, but bright from 10 am, very bright all day & very hot for the season. Sun set in rosy lustre amid a cream-colored haze, and fog followed. — Night foggy. —	56		
M. 2.	·21 ·01	W 0 SSW 1 SW 1	40	54	71	Fog till after 9. then very bright & very hot. with a very little wind; Hazy evens, sun set red, and moon very red in haze. — Close night.	60		
Tu. 3.	29·81 30·01	SW 3 W 5 NW 3	51	61	64	Warm breeze, and flying clouds, became more cloudy at 10 am, but after 11, bright with small cumuli. Clear & calm Evens. —	49		
W. 4.	29·99 ·81	W 1 W 2 SW 1	40	49	62	Cloudy & hazy more or less, till after 11am, then bright with a cooler wind but the evening more close and electric, with dappled sky. —	54		
Th. 5.	·67 ·63	SW 3 SW 5 W 4	53	63	70	Very warm breeze, electric clouds, and sun, windy day, but very hot & sunny about noon. Cloudy evening, but the night chiefly clear.	60		
F. 6.	·65 ·73	W 1 NW 1 NE 1	53	57	59	Hazy with little sun till noon. then cloudy, darker, & little rain at times; rain all the Evening & part of the night.	51	Full moon 7¼ am	·53
S. 7.	30·01 ·24	NE 1 NE 3 1.	47	51	58½	Cloudy morng, fine & drying day with brisk cool wind, sun, and loose cumuli. Clear evening, and less wind.	47		
Su. 8.	·26 ·08	E 3 E 3 S E	43	54	60	Bright, and a cool wind, with some light clouds flying. Evening clear till 9, afterwards hazy, and electric during night.	53		
M. 9.	29·84 ·87	S E 3 S 2 SW 0 Var 0	53	60	65½	Very electric, hazy & close morng, very warm day, some sun, and thin haze, with dappled clouds, and wind fell away after 11am; Calm, hazy & sultry Evening.	60		
Tu. 10.	30·07 ·17	W 1 W 1 S W 1	54	60	67	Close & cloudy morng, but after 8 am very bright & hot, till near sunset: Evening cloudy & much dappled. — Close night. —	58		
W. 11.	·08 ·38	SW 4 W 3 W 2	55	61	61	Very warm & at 6am a squall of wind & rain, cleared at 9, but a cooler wind, fine & sunny till sunset, then squally, — but the night fair & clear. —	51	lightning at 8 pm in E.	·17
Th. 12.	·53 ·58 ·59	W 1 NW 2 NW 1 NE 1	40	49	58	Clear, cool morng, heavy dew, very fine & sunny day, but a cool air in the shade. — Evening clear, and the night frosty. —	46		

Rain card up — 0·70

October 1854.

October	Barometer	Wind	Thermometer lowest	9 am	highest	Natural Occurrences.	Thermometer 8 pm	notes	rain brot up 0·70
F. 13.	30·51 ·47	NW 0 NW 1 0.	34	46	56	Clear & frosty morng, bright all the day, cool air & very few clouds; calm evens, but a change during night.	44		
S. 14.	·35 ·35	NW 0 NW 0 Var 0	40	51	60	Cloudy & calm morng, very fine and sunny afternoon, light clouds, and no wind. Evens also calm, and some clouds. — Night foggy. —	50		
Su. 15.	·27 ·18	Var 0 SW 1 SW 0	39½	52	60	Fog till 9, then bright & warm, with light clouds at times; evening calm and cloudy, very little misling after 8 pm — close night.	51		
M. 16.	·13 ·07 29·97	W 2 NW 1 Var 0	48	50	56	Cloudy & mild morng, but colder, after 8am. & much clearer, fine and sunny day, with cool wind & some clouds. Cloudy evens, little wet at 7pm — Foggy night.	47		·17
Tu. 17.	·57 ·43	NW 1 NE 1 N 1	37	43	52	Foggy but soon clearer, bright all day, but a very cool wind. — Evening & night hazy, & lowering. —	43		
W. 18.	·29 ·48	N 3 NE 1 NW 4	43	53	55	Heavy rain at 4 & 5 am — and rainy till 8 am. afterwards showery, with sun between. Storms of rain at 7 & 8 pm, and squally night.	47		·39 ·13
Th. 19.	·78 ·84	NW 4 NW 2 SW 4	40	43	49	Squally & cold morng, day chiefly fair but cloudy more or less, little sun, but very cold wind. Evening hazy and dark, threatening rain.	43		
F. 20.	·48 ·44	SW 4 W 2 W 2	42	54	56	Heavy rain all the morng till 6, afterwards chiefly bright & warmer, but a short heavy shower at 3½pm. — Fine, cloudy evening. —	48		·63 ·04
S. 21.	·59 ·73	W 3 W 2 1. 0.	43	51	55	Clouds & sun, brisk wind and fine day; less wind and more sun after 1 pm. Fine calm & cloudy evens, dappled & rather close. —	48	new moon 9 pm	
Su. 22.	·40 ·55	SW 4 W 6 W 1	47	56	57	Squally with rain from 4 am, in flying showers, warm morng, windy day but fine from 8 am, bright afternoon, wind less. Evening chiefly clear star-light.	46		·05
M. 23.	·48 ·40	SW 0 W 0 W 5	40	51	56	Hazy with cirri, but a bright morning, and a fine sunny day till 4, afterwards squally till 6 pm then clear evening	44		
Tu. 24.	·53 ·31	SW 2 SW 3 SE 1	36	46	53	Clear frosty morng, very bright day, fresh breeze & small clouds, and the evening hazy, with rain after 8. the night gently rainy at times. —	45		·13
W. 25.	·22 ·10	NE 1 NE 3	41	45	51	Fog then clearer till noon, dark and cloudy afternoon, continual rain from 1 pm, and all the Evening. —	42		·30

To 25th pm — Total rain 3·74

October 1854.

Oct	Barometer	Wind	Thermometer out doors. lowest	9 a.m.	highest	Natural Occurrences.	Thermometer 8 pm.	Notes.	Rain brought over 3·14
Th. 26.	29·59 / ·91	SW$_1$ SW$_1$	36½	45	51	Bright all day, with few clouds, and gentle wind. Clear evening and night, lightning in S.E. —	41	Poplar leaves fall.	
F. 27.	30·24 / ·42	SW$_0$ SW$_1$	33	40	53	Clear, & frost, very bright day, and very warm sun, but cool air. Hazy at sunset, and the evening hazy but fine & clear upward.	42	Sycamore leaves fall.	
S. 28	·43 / ·40	SW$_2$ SSE$_4$ S$_2$	41	50	56	Fine and chiefly bright, but some hazy cirrostrati, dappled bands of cloud, & much wind; Evening clear as also the night.	47		
Su. 29.	·23 / ·29	S E$_1$ S E$_2$	39	50	57	Clear, very bright day, gentle wind & but few clouds; dappled sun-set, and fine dappled clouds during Evenᵍ gilded by moon-beams. —	48	Ash leaves fall fast.	
M. 30.	·32 / ·30	S E$_1$ S E$_2$ S$_1$	42	51	61	Clear upward, and beautiful sky in the East, dappled bands of red cloud, fog at 9, afterwards bright, and very warm day. – Evenᵍ clear moonlight soft breeze & no cloud. —	52	Elm leaves fall.	
Tu. 31.	·19 / ·24	SSE$_1$ S$_1$ SSW$_2$	49	57	65	Quite clear, and a soft breeze, very bright all day, gentle wind, and hot for the season. Evening close and sultry, gentle breeze, and dappled sky. —	57		
									3·14

Results for October 1854.

Barom.ʳ	Highest on 12th = 30·59 Lowest on 25th = 29·10 range 1·49 Mean of Month 29·94	Thermom.ʳ	Highest on 2nd = 71° Lowest on 27th = 33 range = 38 Mean of month 51·04 Mean daily range 15·58

Prevailing winds SW & W; Rain 3·14 Inches; fine days 23. —

This month was changeable, but a good wheat-seed-time, after the showers came to admit the Plough, for the land was still very hard & dry from the long course of fine weather, and the rain proved highly salutary. Many days of summer skies were noted throughout the month, and severe Thunder-storms in Cheshire, and the midland Counties on the 23rd. Public health in Towns suffered from Fevers, and rural districts not exempt. —

November 1854.

Novʳ	Barometer	Wind	Thermometer out doors. lowest	8 a.m.	highest	Natural Occurrences.	Thermomʳ 8 pm	Notes.	Rain.
W. 1.	30·43 / ·52	S E$_1$ S E$_1$ S$_2$	39	50	59	Foggy mornᵍ till after 8, then very bright and warm, gentle wind & no cloud, till 3½ pm when fog came on again; and the evenᵍ foggy, with more wind.	49		
Th. 2.	·49 / ·38	S$_2$ S$_3$ W$_4$	48	50	54	Cloudy & mild, more or less foggy all day, but fine, and mild. Evening foggy but more wind. Clearer night, windy and much colder. —	48		
F. 3.	·22 / ·32	NW$_3$ NW$_3$ NW$_2$	42	43	52	Clear & brisk wind; bright all day with cumuli clouds, and keen wind. The sun set tinged red & much cirrus. Bright moon-light night. —	40		
S. 4.	·26 / ·16	NW$_3$ W$_4$ W$_3$	37	40	52	Clear & parching wind all the morning and till 1 pm, afterwards cloudy, dark & more wind, with a little flying rain at times; Cloudy night but chiefly fine.	49	Full moon 9 pm.	
Su. 5.	·05 / ·10	NW$_2$ NW$_1$ W$_1$	48	54	57	Cloudy and misling at times till noon; fine sunny afternoon, and small knotty clouds; evening very clear & moon bright.	45	Ash trees bare	·06
M. 6.	·33 / ·50	W$_2$ NW$_1$ W$_0$	38	39	53	Bright mornᵍ, and very fine sunny day, with some clouds; hazy evenᵍ but a clear and frosty night, with haze below.	41	woods in rich tints now	
Tu. 7.	·58 / ·52	W$_0$ SW$_1$ SW$_1$	33	35	51	Clear & frost, but foggy after 5 a.m. & till 10, afterwards bright, afternoon pleasant. Evenᵍ cloudy. —	46	Elm leaves fall fast.	
W. 8.	·35 / ·20	SW$_2$ W$_3$ W$_2$	42	45	52	Lightly cloudy but fine, & a drying air; sun at times; after 4 pm overcast and little rain. — Night fine, & clearer from 9 pm.	46		·04
Th. 9.	·23 / ·36	NW$_2$ N$_4$ N$_2$	36	39	45	Clear at first, but after 8 am, frequent squalls of rain, sleet & hail, cold wind, and little sun at times. Freezing wind all night & fair. —	35		·07
F. 10.	·22 / ·12	NW$_2$ NW$_2$ NW$_1$	30	33	47	Hard frost & chiefly clear, but hazy and cold forenoon; bright and warmer after 1 pm. Storm of rain 4½ pm – dark & squally evenᵍ. showery night.	42		·25
S. 11.	·05 / ·23	NW$_1$ NW$_1$	41	46	49	Hazy & mild, but lowering in the day with little showers, & sun at times. Evening fine, but cloudy.	41		·03
Su. 12.	·28 / ·32	NW$_1$ NW$_1$ 0.	38	41	46	Fine mornᵍ, light clouds & sun, more or less cloudy all day, some sun at times. Evening cold, and still, with less cloud.	39		
						Carᵈ over Total rain —			0·45

November 1854.

Nov.	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Occurrences.	Thermom. at 8 pm.	Notes.	Rain brot over 0·45
M. 13.	30·21 29·99	Var. 0. SE 1. S 2	31	33	47	Hazy & hoar frost, cloudy, damp, and gloomy day, but milder after 4 pm. Cloudy Evening. —	43	Great meteor west to East 4 am.	
Tu. 14.	·82 ·67	SE 3. SE 1. 0.	38	39	44	Cloudy, cold drying wind, very hazy & dim sun. Evening also cloudy & cold, but wind all gone. — Cloudy night. —	35	roads nearly dusty.	
W. 15.	·38 ·22	SE 4. SE 6. S 1.	35	45	50	Cloudy, and after 9 am, hard rain, & rough wind, exceedingly wet & stormy till near 1 pm. — then clearer fine, & less wind. Sunny from 2 till 4 pm. Hazy eveng.	40		·36
Th. 16.	·15 ·21	SE 3. SE 1. E 0.	40	50	51	Overcast, warm & rainy at times, chiefly fine after 11 am, but cloudy more or less, and a close evening, some rain during night.	45		·21 ·06
F. 17.	·49 ·57	E 2. NE 2. NE 5. 6.	41	48	48	Cloudy, with little rain at times, dark and lowering, but finer in the afternoon & eveng, with a cold wind blowing strong all night.	42		·04
S. 18.	·79 ·94	NE 6. NE 4. 3. 2.	38	38	46	Strong & cold wind all day, flying clouds, & sun between. Wind abating in the Evening, but blowing harder again during night. —	39	roads again very dry. —	
Su. 19.	30·12 ·20	NE 3. NE 3.	37	38	44	Cloudy and very cold, with little sleety rain at times, in flying showers. Cloudy evening but fine chiefly. —	37	Trees nearly all bare.	·02
M. 20.	·27 ·25	NE 2. NE 1.	36	38	43	Cloudy more or less, little sun at times, but very cold. — Evening clouded & calm. —	37	New moon 10 am.	
Tu. 21.	29·99 ·39	NE 0. SW 3. S 4.	36	37	41½	Cloudy, and very cold wind, rain and heavy Snow from 2 till 4½ pm, afterwards squalls of rain, but warmer after 8 pm. —	34		·40
W. 22.	·06 ·03	W 1. W 1. NW 0.	34	38	42	Hazy & raw, became overcast and a cold, damp day; clearer after 4 pm, & the evening partially starlight. Little frost. —	35		
Th. 23.	·15 ·23	NW 0. NW 1. 0. N 1.	33	35	42	Hazy & little frost, more or less hazy all day, raw & cold, but clearer & sunny most of the afternoon. Close, calm & mild eveng. Stars bright after 8 pm. —	42		
F. 24.	·28 ·39	NE 1. NE 1. E 2.	34	35	43	Showers at 2 & 3 am, bright morng after 5 — little frost, and chiefly bright till 11, afterwards little sleety showers. —	34		·07 ·03

Rain card up — 1·64

November 1854.

Nov.	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Occurrences.	Thermom. 8 pm.	Notes.	Rain brot up 1·64
S. 25.	29·51 ·59	NE 2. N 3. N 3.	33	34	39	Snow & rain in frequent showers all the morng, followed by almost continual heavy Snow all the afternoon, very dark & cold day, night finer & frosty. —	34	the ground covered with soft & wet snow.	·87
Su. 26.	·94 30·01	NE 0. NE 0. E 0.	29	30	38½	Sharp frost & bright morng, but became lightly cloudy during the forenoon; bright & calm after 1 pm. Severe frost at eve, fog below very thick & clear upward: 9 pm the 25o.	26	very slippery on the Surface.	
M. 27.	·02 29·91	Var 0. E 0. SW 1.	21½	23	37	Severe frost & rime, calm morng, fog below, clear upward: very bright forenoon, but afterwards cloudy, and the Evening overcast, and some fog, but clear & frosty after 9 pm.	32	Trees white with rime.	
Tu. 28.	·75 ·58	SW 2. SW 3. W 5.	29½	37	43	Cloudy, dark, & thawing; cloudy all day, rain at times, and in the evening the rain increased, with more wind, but milder. Squally all night. rain at times.	42		·17
W. 29.	·10 28·99	W 4. WNW 6. W 7. 5 - 4.	37	48	50	Squally but finer after ☉ rise, and sunny till noon. Heavy gale at 1 pm, with a driving storm of rain again bright, but chiefly stormy & some hail. Windy Eveng	40		·10
Th. 30.	29·53 ·53	W 3. SE 2.	34	37	45	Clear, little wind-frost; bright & drying day till ☉ set, afterwards hazy, and rain from 6 pm, continued hard rain most of the night. —	43		·50
						Total rain —			3·28

Results for November 1854.

Barom.r		Thermom.r	
Highest on 7th	30·58	Highest on 1st	59°
Lowest on 29th	28·99	Lowest on 27th	21·5
Range	1·59	range	37·5
Mean of Month	29·89	Mean of Month	41·65
		Mean daily range	10·73

Fine days 15. Rain 3·28 Inches, Prevailing winds NE & NW. —

This was a very seasonable month, with a lower mean temperature than any November since 1851. The fall of Snow remarkably great in the Northern Counties on 25th. Considerable sickness in town & country; chiefly Fever & Small Pox; Typhus & Scarlatina prevalent in many districts, where Small Pox & Cholera had raged before!

December 1854.

Decr.	Barometer	Wind	Thermometer out doors: lowest	8 am	highest	Natural Occurrences.	Thermomr 8 pm.	Rain brt over 2·38.
M. 25.	29·62 — ·73	W 5. W 6. NW 4. 3.	41	53	55	Very mild & blowing, with flying clouds, and squalls of rain at times; very dark & stormy after 12 noon, & not so mild as before, but again clearer from 2 pm and the Eveng at times, quite clear.	42	·11 ·05
Tu. 26.	·85 ·82	W 4. SW 5. 4. 3.	35	40	45	Clear and brisk drying air, continued quite clear all day, and more wind. Evening bright moonlight, and rather less wind. —	37	
W. 27.	·76 ·92	NW 6. W 5. W 4.	34	34	40	Clear, blowing morng, and partial frost, cold blowing day, but bright, and the roads quite hard. — Stormy looking Evening, little snow at 5½ pm. and showers of snow during the Eveng & night. —	34	
Th. 28.	30·30 ·45	NW 3. NW 2. 1.	31½	31½	40	Frost, & flights of snow; during the morning. Bright all day & fine, with a gentler wind. Frosty eveng, and chiefly clear. Night more hazy. —	30	
F. 29.	·48 ·49	W 1. SW 1. SW 3.	29	32	43	Hard frost, but soon overcast, snow & rain, at 8 am, afterwards fine but cloudy. Red sun-set, and more wind in the Evening, with rising Temperature. —	43	·03
S. 30.	·47 ·41	SW 3. SW 4. 2.	38	46	48	Cloudy & mild, some sun at times, and a drying breeze. Cloudy and less wind in the Evening. — Night in part clearer. —	41	
Su. 31.	·37 ·19	W 4. W 5.	37	42	47	Cloudy & hazy, more wind; fine day & mild, but cloudy, with little Sun, and brisk wind, — increased to a gale all night & blew out the old Year. —	44	2·57

Results for December 1854.

Baromr	Highest on 29th	30·49	Thermomr	Highest on 14th — 58½
	Lowest on 18th	29·09		Lowest on 11th — 28½
	range	1·40		range — 30
	Mean of Month	29·81		Mean of month — 41·33
				Mean daily range — 10·5

Fine days 14; Rain 2·57 Inches: Winds chiefly Westerly. —

This was a mild, turbulent & stormy month, and very variable throughout. But little winterly weather, but frequent gales & squalls of rain. Not much sickness in these parts, but towns not exempt. —

Summary of the Year of our Lord 1854.

Monthly division of Winds.										Wet.	Dry.	Temperature	Temperature	Pressure
1854.	E	W	N	S	SE	NE	SW	NW	Prevailing currents.	Depth of rain	fine days.	daily mean range	mean of month	mean of month.
Jan.	2	1	1½	3½	7½	2½	9½	3½	SW = SE.	1·21	15	10·32	39·27	29·80.
Feb.	0½	5	6	0	1½	2	5½	7½	NW = N.	1·31	16	12·96	40·78	30·21.
Mar.	1½	7½	1½	1	5	7	7	0½	W = SW = NE	0·78	26	17·79	45·15	30·38 !
Apr.	5	2	3½	1	2½	10½	2½	3	NE = E.	1·07	25	21·68	50·19	30·21.
May.	0½	0	0	5	3	6½	15	1	SW.	3·10	16	18·82	53·46	29·91.
June	2	3½	1½	2½	3	6	9½	2	SW = NE.	0·91	23	15·05	59·04	30·004.
July.	1	6	1	2	8	4	7	2	SE = SW.	1·92	20	17·59	62·84	30·08.
Aug.	0	4½	1	1½	4½	2½	8½	8½	SW = NW	3·39	20	14·62	63·18	30·13.
Sep.	1½	7	0	0	8	4½	6½	2½	SE = W.	0·65	22	19·02	59·81	30·27.
Oct.	1	7	0	2	3½	2½	8½	6½	SW = W.	3·14	23	15·58	51·04	29·94.
Nov.	0½	5½	2½	1	5	7	2	6½	NE = NW.	3·28	15	10·73	41·65	29·89.
Dec.	0	12½	0	0	0	0	8½	10	Westerly	2·57	14	10·50	41·33	29·81.
1854.	15½	61½	18½	19½	51½	55	90	53½	SW = W = NE.	23·33	235	15·38	50·64	30·136.

The coldest day in 1854, was January 3rd Thermr 13°.
The Hottest day was Sunday July 23rd Thermr 88°. —

The Lowest state of Barometer was on January 8th, when it fell to 28·97. and on Novr 29th to 28·99. And the Highest state was on March 4th, when it ascended even to 30·88 ! —

The Year 1854 may be termed the Bountiful Year having yielded a most abundant corn-harvest, and good weather for securing the same; — for which let God's holy name be praised, & our hearts be in gratitude lifted up !

☞ See Conclusive notes over. —

Conclusive notes on the Productive Year 1854.

1.) The most striking characteristics of 1854, were the remarkable Snow-Storm of Jan'y 4th from the East. —

2.) The continued fineness and warmth of the Spring from March 8th to April 22nd, and the drought from Feb. 23rd even to April 27th.

3.) The unusually bright and hot time, in the close of July, and from the 18th of August, to the 10th of October.

Observed by
Orlando Whistlecraft.